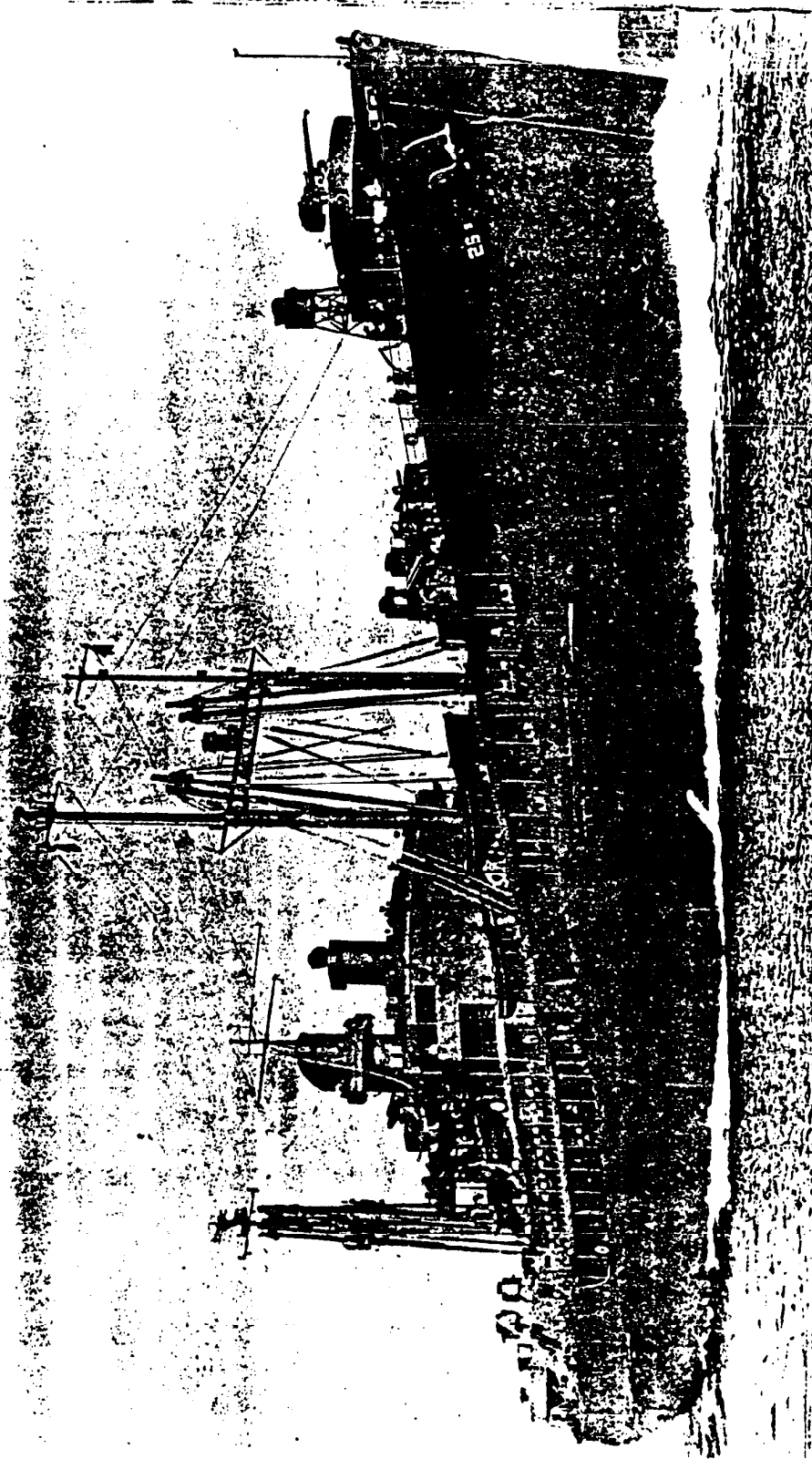


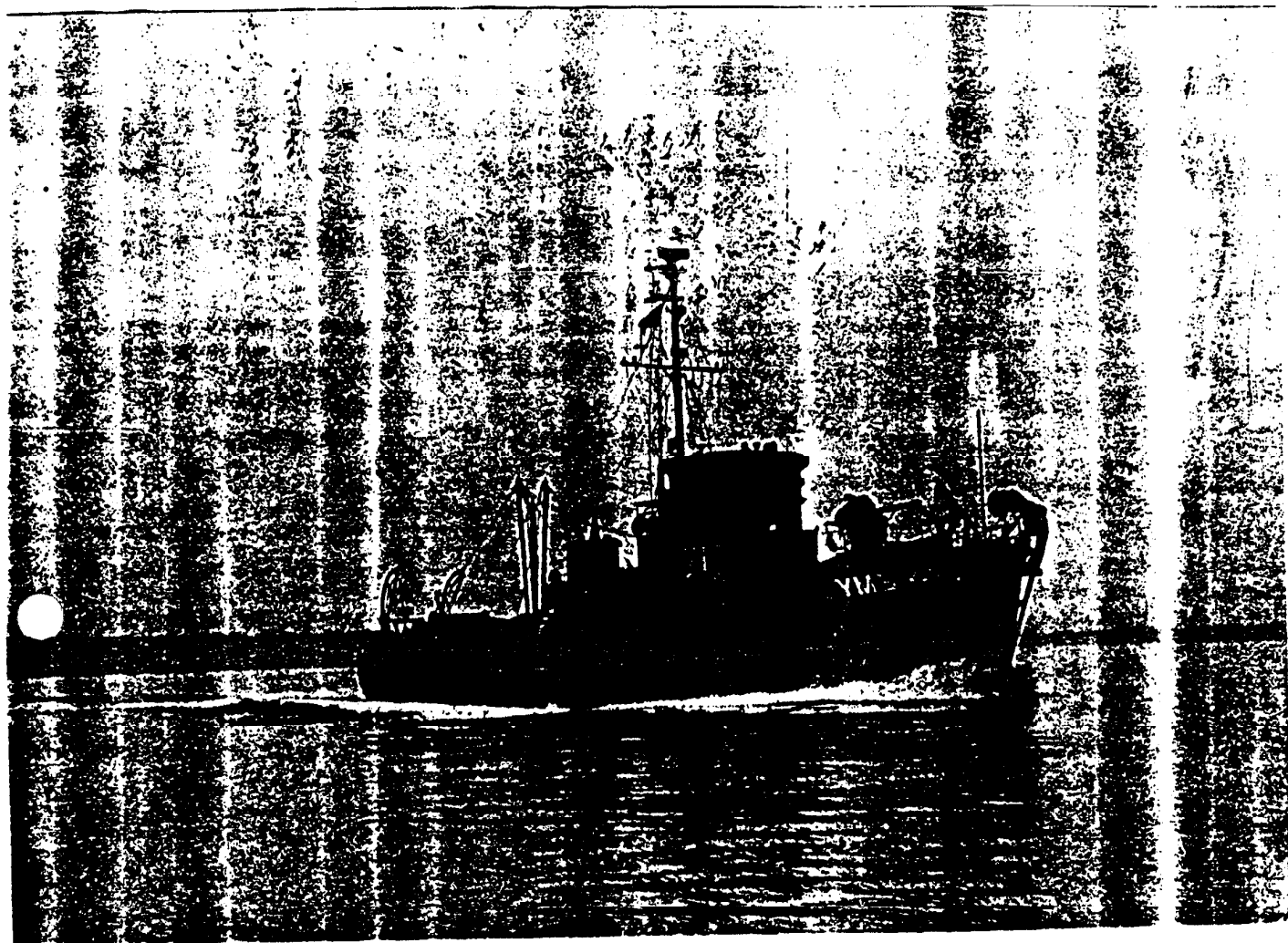
USS KENNETH WHITING (AV 14)



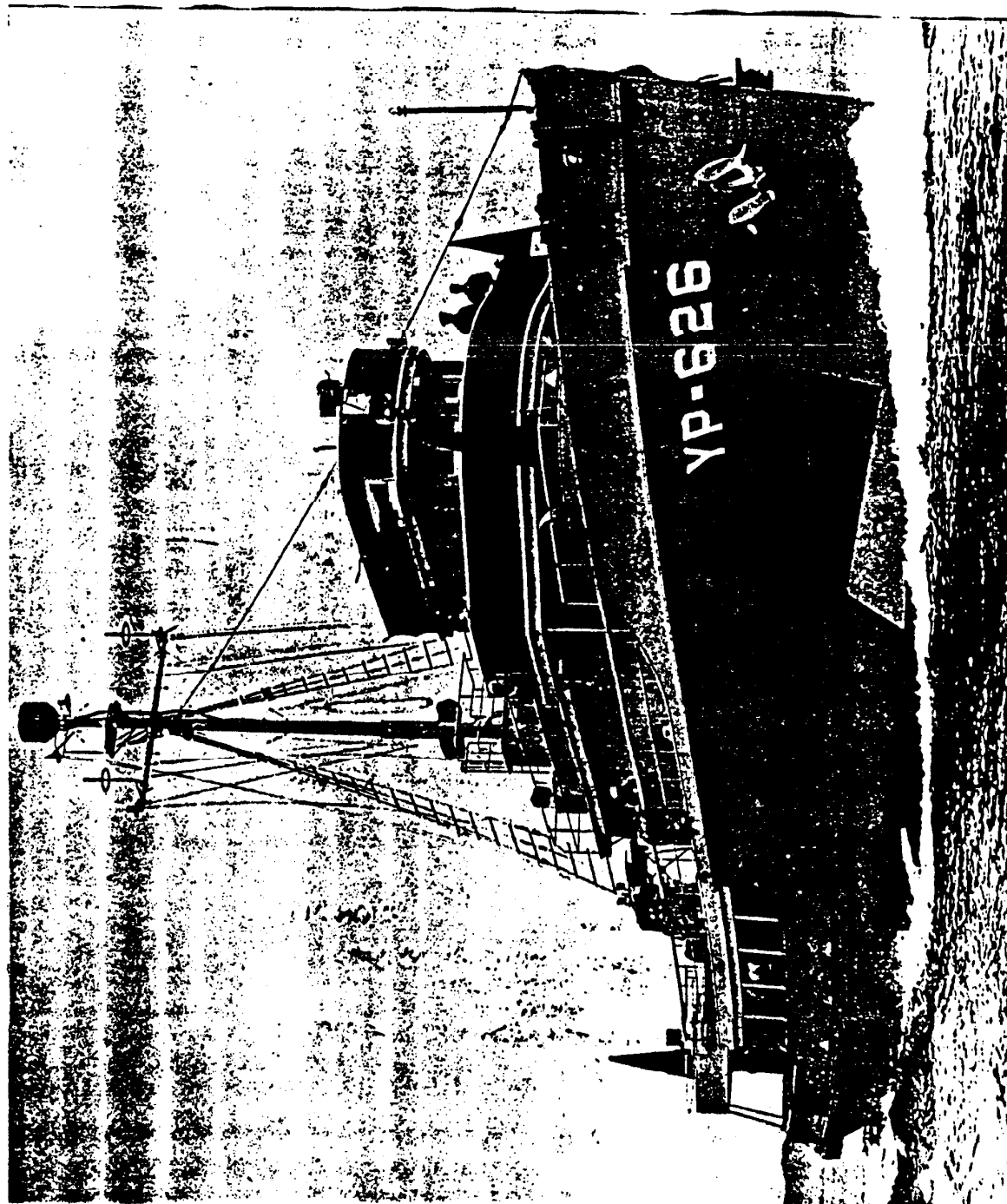
CVE 105 Class



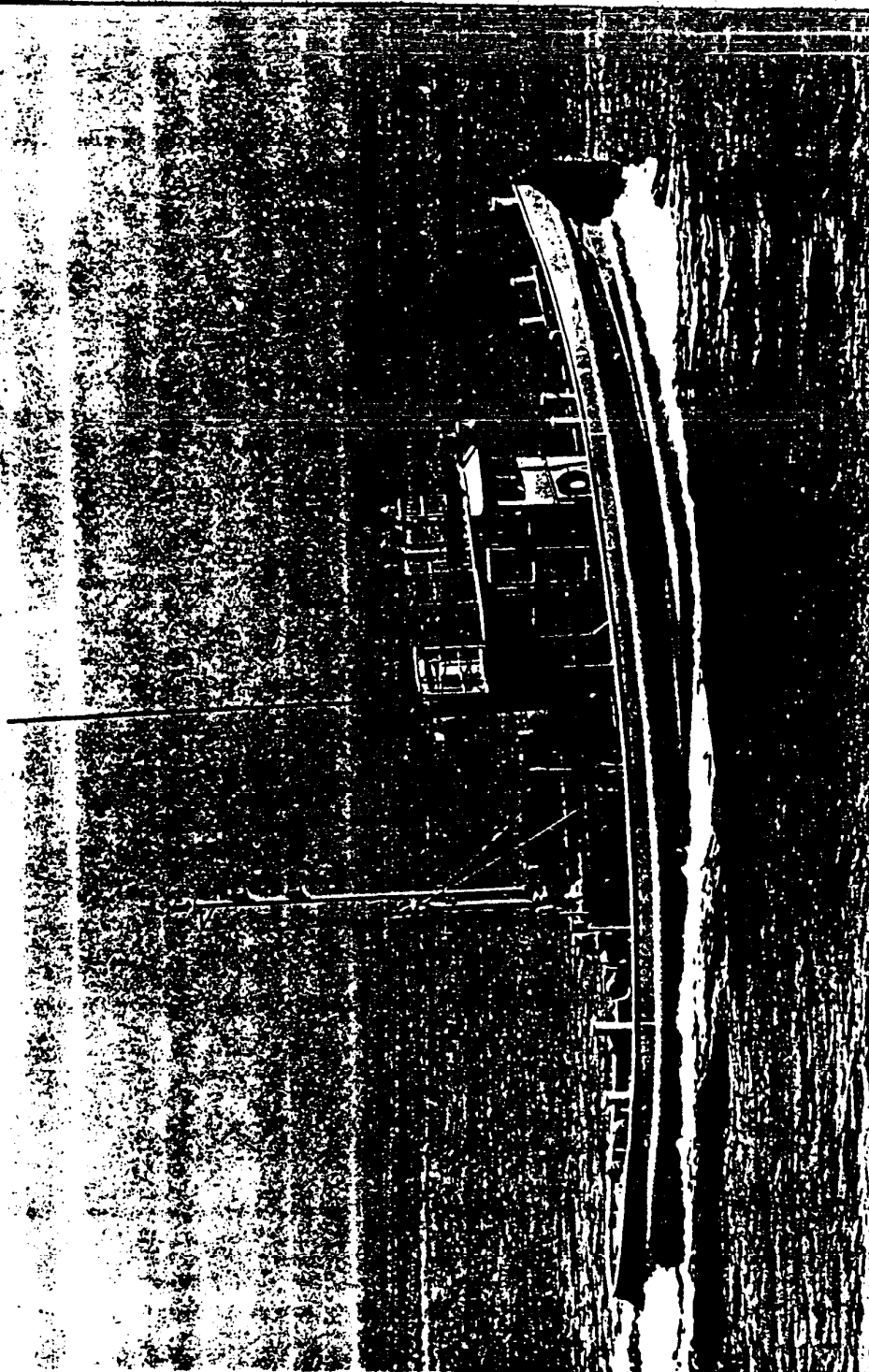
USS SEENANDOH (AD 26)



YMS 410 Class



YP 617 Class



YTL 593

EN/A5-2(130)  
EN28/A2-11

4. As defined by the Director of Naval History, the Naval Histories are intended to serve three main purposes of official utility: (a) To enable the responsible officials of the future to take advantage of the successes of the current war and to avoid its mistakes; (b) To meet the needs of naval education in the future, and (c) To furnish data for future historical reference. It should be emphasized that the histories are to be prepared for internal and official use rather than for publicity purposes.
5. The length of the history and the points emphasized will naturally vary with the character of the particular activity. The Bureau will wish, however, to have certain questions covered by activities of each type. The Bureau History Section will make these questions known to the activities concerned by direct contact or by letter in the near future. It is suggested that the purposes of official utility will be best served if emphasis is placed on major accomplishments and problems of each activity. Of special interest are a critical review of the effectiveness of the headquarters direction of the program, and a record of mistakes made.
6. The chief reason for inaugurating the Naval History program prior to the cessation of hostilities is to obtain valuable information while it is still available and fresh in people's memory. Of special value are accounts from officers or civilians who had a role in important developments.
7. The original copy of the history of each activity should be submitted directly to the Bureau of Ships, Code 130, and a copy sent to the District Historical Officer. Historical Officers are requested to submit a preliminary history covering the period through calendar year 1944 as soon as practicable. In most cases it has been found that 8 September 1939, when a "Limited National Emergency" was proclaimed, provides a good starting point.

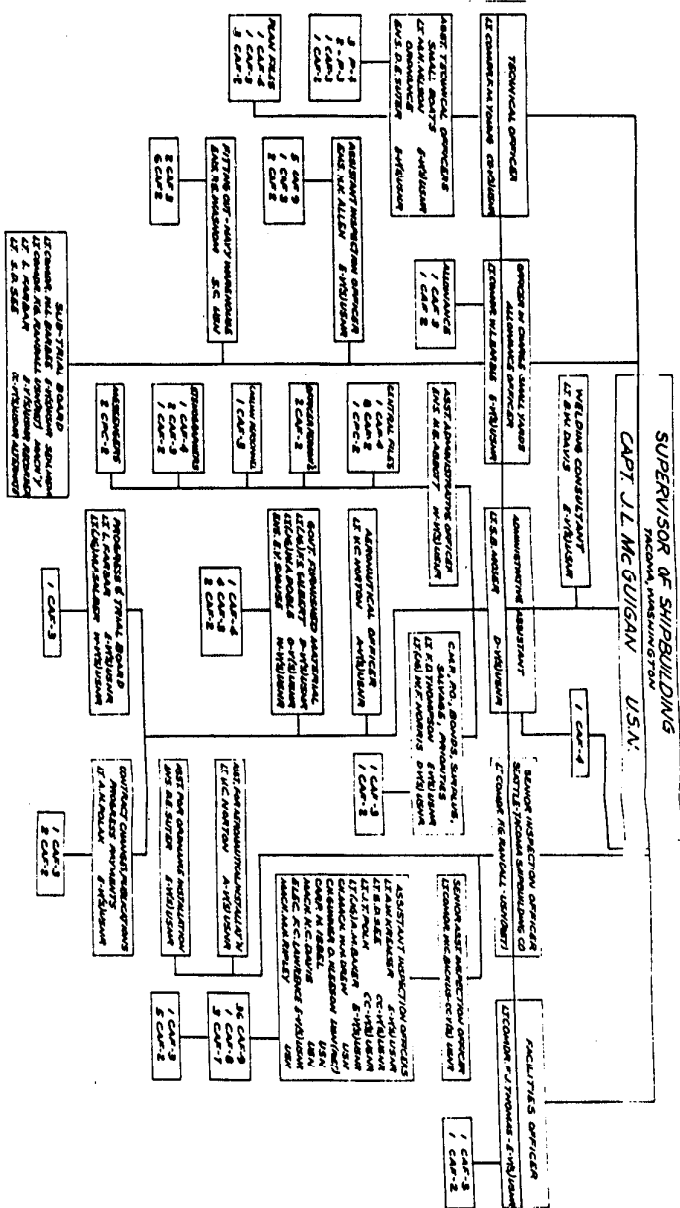
E. L. Cochran  
Chief of Bureau

CC:  
Commandants, All Naval Districts.

OFFICER PERSONNEL  
SUPERVISOR OF SHIPBUILDING, USN  
TACOMA, WASHINGTON

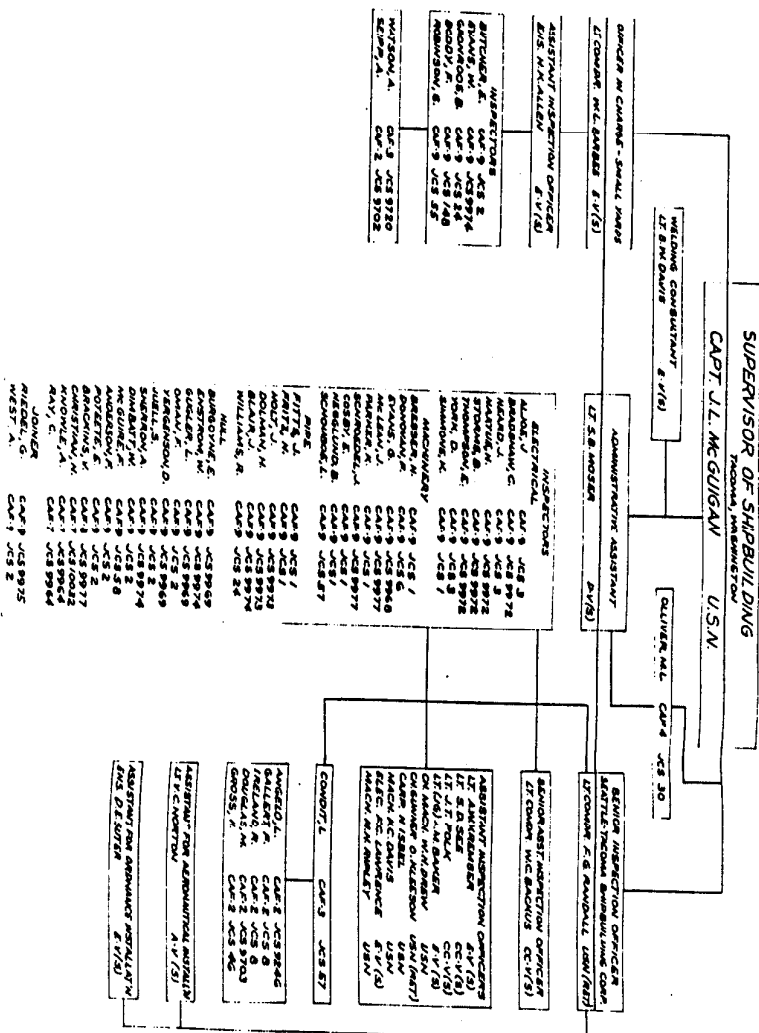
<u>NAME</u>	<u>PRESSENT RANK</u>	<u>REPORTED</u>	<u>DETACHED</u>
See, S. D.	Lt. Comdr. S(E1)	5-27-42	11-3-45
Polk, J. T.	Lt. Comdr. S(E1)	5-27-42	
McGuigan, J. L.	Capt., USN	6-23-42	9-17-45
Thomas, F. J.	Lt. Comdr. E-V(S)	7-2-42	3-13-44
Randall, F. G.	Lt. Comdr., USN (Ret.)	8-4-42	8-20-44
Haynes, H.	Lt. Comdr., USN	9-6-42	12-24-43
Backus, W. C.	Lt. Comdr. CC-V(S)	9-7-42	2-19-44
Meyer, H. A.	Lieut. E-M	9-18-42	10-14-42
Farbar, L.	Lt. Comdr. S(E)	9-29-42	
Thompson, F. D.	Lieut. (S)	9-30-42	10-1-45
Souther, W. H.	Lt. (jg) CC-V(S)	10-6-42	7-22-43
Davis, B. W.	Lt. Comdr. S(E1)	10-15-42	
Lawrence, F. C.	Chief Mach. S(E)	10-19-42	6-23-45
Moser, S. B.	Lt. Comdr. (S)	11-4-42	10-1-45
Krenser, A. W.	Lt. Comdr. S(E)	11-27-42	11-3-45
Gilbert, F. S., Jr.	Lieut. (S)	12-3-42	
Polak, A. H.	Lieut. E-V(S)	2-12-43	4-24-44
Davis, K. C.	Mach., USN	2-17-43	1-4-45
Iebell, H. A.	Lt. (jg) USN (Ret.)	3-10-43	11-27-44
Barbee, W. L.	Comdr. S(E)	3-12-43	10-1-45
Baker, A. M.	Lieut. S(E)	4-6-43	11-3-45
Norton, V. C.	Lieut. (S)	4-8-43	10-1-45
orris, W. F.	Lieut. (S)	4-9-43	
Suter, D. E.	Lieut. (jg) S(E)	6-15-43	
Fudge, J. C.	Ensign, USN	7-17-43	12-7-43
Ripley, M. H.	Chief Mach. USN	7-28-43	10-9-45
Doble, W. A.	Lieut. S(O)	7-28-43	
Abbott, H. B.	Lieut. (jg) (W)	8-5-43	7-31-45
Allen, H. K.	Lieut. S(E)	8-10-43	
Horne, F. J., Jr.	Lieut. CC-V(S)	8-10-43	1-15-44
Lundgren, H. P. L.	Mach. A-V(S)	8-14-43	8-26-43
Washom, P. S.	Lt. (jg) (sc) USN	8-16-43	
Salber, M. F.	Lieut. (W)	9-1-43	
Nelson, M. H.	Lt. Comdr. S(E3)	9-21-43	10-12-45
Drew, W. H.	Lt. (jg) USN	10-6-43	
Brown, E. M.	Chief Aer., USN	11-7-43	1-19-43
Shouse, E. V.	Lt. (jg) (W)	11-24-43	
Kleeseen, O. A.	Chief Gun., USN (Ret.)	11-28-43	8-17-45
Young, F. M.	Lt. Comdr. S(E)	1-15-44	8-1-45
Ove, A. B. B.	Ch. Carp. (E)	7-18-44	9-6-45
Alexander, W. T.	Comdr. (E)	11-2-44	9-15-45
Bouchee, Labelle (n)	Carp. S(E1)	11-17-44	9-5-45
Petty, W. C.	Chief Elec.	1-26-45	
Vaught, C. R.	Lieut. USN	1-26-45	
Powell, G. V.	Lieut. (S)	1-29-45	





Organization Chart Jan. 1944  
Appendix page 29

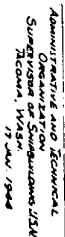
ORGANIZATION OF OFFICE OF  
SUPERVISOR OF SUPERVISORS, U.S.N.  
FACED 2, MASONRY  
APPROVED 17 JAN. 1964  
CAPT. J. L. G. G. G. G.  
L. S. B. MOSER  
BY DIRECTION



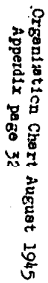
Inspection Division  
Crickett Station Above Terminal 201

INSPECTION ORGANIZATION  
SUPERVISOR OF SWIRBUILDING USN  
TACOMA, WASH  
17 JAN 1944

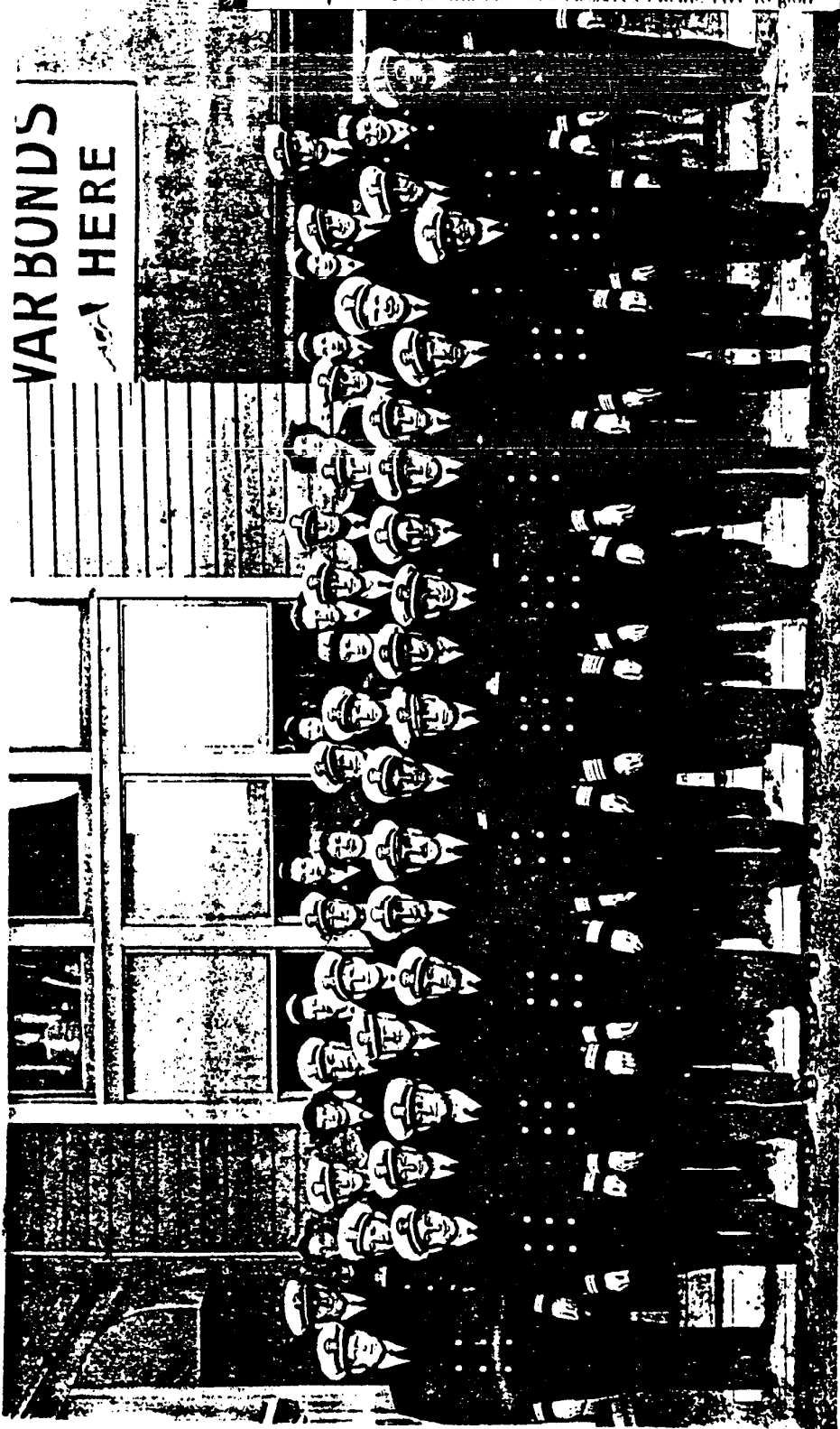
YACOM4, WASHINGTON



Appendix: Case 3



WAR BONDS  
HERE



SupShip Tacoma Naval Personnel 11 July 1945

Front: Davis, Kremser, Selmon, Alexander, McGuigan, Barbee, Fey (NCI), Moser, Norton. Second: Allen, Baker, Thompson, Faust, Polk, See, Nelson, Downs, King (NCI), Farber, Veught. Third and Fourth: Ove, Suter, Patty, Pipley, Morris, Kleesen, Selber, Drew, Gilbert, Shouse, Doble, Powell, Koutny, Christensen, Abbott. Last: Trevinsky, McKinney, Eckhardt, Wendt, Brown, Vigean, Watson, Linn, Maxon, Turner, Bouches.



Wave Personnel assigned to SupShip Tacoma learn first-hand about the ships they help to build. In the back row are Brown, Mexon, Eckhardt, Wendt, Trevinsky, Childers, and Vigent. In the front row are Linn, McKinney, Lt. (jg) Shouse, Lt. Comdr. Mary Daily (Thirteenth Naval District Director of WR), Lieut. Salber, and Lt. (jg) Abbott.

**SUPERVISOR OF SHIPBUILDING, U. S. NAVY**  
**Todd Pacific Shipyards Inc., Tacoma Division**  
**Tacoma 2, Washington**

**SBN:Fr**

**19 July 1945**

**To: Officers reporting to Tacoma Area in CPO ships building under the cognizance of the Supervisor of Shipbuilding, USN, Tacoma, Washington, at Todd Pacific Shipyards Inc., Tacoma Division.**

Administrative instructions and procedures governing performance of work and duties under the cognizance of this activity are issued in the form of "Office Memoranda". Attached herewith are the "Office Memoranda" of particular interest to addressees and a careful study of same will answer the majority of questions arising in CPO duty.

These memorandum are revised and added to from time to time as the situation requires.

**INDEX**

**NO.**

- 2 (Revised) 13 April 1944 . . . . General Instructions
- 10 (Revised) 30 April 1945 . . . . Trial and Inspection Instructions
- 12 (Revised) 12 August 1944. . . . Procedure for Fitting Out work and the handling of all classes of allowance material.
- 15 (Revised) 20 June 1944. . . . Test Procedure
- 23 Issued 25 March 1944. . . . Instructions Covering Shortage Lists.
- 24 Issued 18 May 1944. . . . Inspection Items, Alterations, Freezing of Design.
- 25 Issued 18 May 1944. . . . Procedure covering completion of vessels at Todd Pacific Shipyards Inc., Tacoma; Policy on.
- 26 (Revision No. 2) 16 Feb 1945. . Plans and Instruction Books; Distribution of.
- 28 Issued 1 Jan 1945 . . . . Terminology; Definition of terms used in correspondence.
- Ltr. of 3 Nov 1944 . . . . Registered and Insured Mail; Receipt of.
- Memo. of 19 June 1945. . . . Departure of CVE105 Class Vessels from the Tacoma Commissioning Dock Subsequent to Commissioning.

INDEX (Contd.)

Ltr. of 15 Jun 1945 . . . . . Services and Materials Outside Scope of Shipbuilding Contracts -- Requests for by Ships and/or Commissioning Detail Personnel.

Memo. to all PCO's of CVE's . . . Instructions pertaining to the release of jeeps to ships force prior to commissioning.

Ltr. of 30 Mar 1945 . . . . . NavPers 349 - Authorized Complement and On-Board Count of Officers.

Ltr. of 8 Jun 1945 . . . . . Long Distance Telephone Calls -- information on.

Ltr. of 2 Aug 1944 . . . . . Red Cross Supplies and Equipment.

Ltr. of 4 Oct 1943 . . . . . Damage Control Books, Casualty Control Books, Fire Fighting Manual, Stability and Compartmentation of Ships (C&R Bulletin #14), General Information Books, F.T.P. 170-B.

By direction of SupShip:

  
S. B. MOSER



SUPERVISOR OF SHIPBUILDING, U.S. NAVY  
Todd Pacific Shipyards, Inc., Tacoma Division  
TACOMA 2, WASHINGTON

S8(AP)MFS:HJ

30 April 1945

OFFICE MEMORANDUM #10 - REVISED

To: Todd Pacific Shipyards, Inc., Tacoma Division  
Prospective Commanding Officers - CVE 112,113  
115,117,119,120,122-131; AD 26; AV 18.  
Commanding Officer, Commissioning Detail, Tacoma

Subj: Trials and Inspection by the Board of Inspection  
and Survey - Procedure in connection therewith.

Refs: (a) SupShip Tacoma Office Memorandum #10 of 4  
Oct 1944.  
(b) InSurvWash ltr WS/S8(1314-S) of 16 Apr 1942.  
(c) SupShip Tacoma Office Memorandum #23 dated  
25 March 1944.  
(d) Todd Pacific ltr ACV/S8/S1-3 of 20 Feb 1943.  
(e) InSurvWash ltr WS/S8(397-S) of 8 Feb 1943 to  
Chief, BuAer.  
(f) SupShip Tacoma Office Memorandum #24 dated  
18 May 1944.

Encl: (HW)  
(A) Sample Form of Hull Machinery Completion Certificate

1. Ref. (a) is hereby cancelled and superseded by the subject  
correspondence.

2. The contractor, Supervisor of Shipbuilding, Prospective  
Commanding Officer, and the Commanding Officer of the Commissioning  
Detail will have on board the vessel, at time of trials, personnel  
familiar with the vessel's construction and installation status.

3. The contractor will make the following preparations, and  
prepare the following certificates and reports in connection with subject  
trials:

a. Hull-Machinery Completion Certificates

In ref. (b), the President of the Board of Inspection and Survey  
informed all activities of the certificates, data, and plans to  
be furnished the Board of Inspection and Survey at the time of  
trials on naval vessels. The desired form of presenting the  
certificates is outlined in the form attached herewith as Encl.  
(A). Necessary certificates will be submitted to the office of

88(AP)MBSFHJ

OFFICE MEMORANDUM #10 - REVISED

the Supervisor of Shipbuilding at least three days prior to official trials. The copies are distributed by the Supervisor as follows:

Original - Board of Inspection and Survey  
Copy and carbon-backed copy - BuShips  
Copy - PCO subject vessel  
1 copy - Todd Pacific  
2 copies - Supervisor of Shipbuilding

b. Docking Report

A Docking report made out on regular Navy form (NBS #223) must be submitted, in accordance with para 4c of ref. (b), to the Supervisor of Shipbuilding, at least three days prior to official trials for all vessels docked subsequent to launching.

c. Reports on Contractor Furnished Installation Material Shortages (including Essential Spares)

A copy of the weekly contractor furnished material shortage list for the vessel being prepared for trials will be furnished the office of the Supervisor of Shipbuilding (Progress Officer) each week. Said list is to include expediting action, expected date of arrival, vendor, and a specific identification of the missing material and its use on board.

An Allowance Shortage List including contractor and government furnished material shortages as of the date of trials is to be supplied to the Supervisor (Progress Officer) one day before trials. This list is Shortage List #2, referred to in para 4 of Ref. (c).

d. It shall be the responsibility of the contractor to meet with the Supervisor (Senior Inspection Officer) approximately five days prior to trials to establish the exact status of the vessel's completion at the time of trials. Following the conference, the Senior Inspection Officer will submit to the Progress Officer a list of all uncompleted items of work and items of unsatisfactory operation as described in para 4b (2) below. It shall be the responsibility of the contractor to meet with the Supervisor (Senior Inspection Officer) approximately two days before trials in order that the list be revised to incorporate last minute additions or omissions.

e. Certificates required by the American Bureau of Shipping, U. S. Coast Guard Marine Inspection (formerly BMIM) will be kept in the contractor's file as noted in Ref. (d).

f. The contractor will have on board the vessel, at the time of trials, a complete set of vessel plans and a typewriter available for use by the Board of Inspection and Survey.

S8(AP)MFS:HJ

OFFICE MEMORANDUM #10 - REVISED

4. The Supervisor of Shipbuilding will make the following preparations, and prepare the following certificates and reports in connection with subject trials:

a. Catapult and Arresting Gear Certification

By ref. (e), the President of the Board of Inspection and Survey directed that there be made available to the Board, certificates covering the satisfactory dynamic operational tests of the catapult and arresting gear installations. The certificates are to be prepared by the Supervisor (Progress Officer) subsequent to the receipt of certifications from the field representatives of the Naval Aircraft Factory, which should be submitted to the Supervisor (Progress Officer) two days prior to official trials.

b. Trial Report Work Lists

The Supervisor (Progress Officer) will prepare, for distribution on board the vessel at the time of trials, work lists indicating the completion status of the vessel at the time of trials including all items of uncompleted work, unsatisfactory operation, uncompleted tests, missing contractor and government furnished material, missing plans and instruction booklets, and authorized alterations not incorporated in the vessel. The distribution of work lists shall be as follows:

Board of Inspection and Survey - 1  
PCO of subject vessel - 2  
PCO of next vessel - 1  
C.O. ComDet - 1  
TPSI - 3

The work lists will be prepared from reports received from the contractor as enumerated in para 3c above and from the following sources within the organization of the Supervisor of Shipbuilding:

- (1) Technical Division - A log record of all authorized alterations not completed, including authorizing reference, plan status, material status, extent of work completed, and statement indicating upon which ship the alteration is to be incorporated. (To be furnished Progress Officer one week before trials.)
- (2) Inspection Division - A list, prepared as a result of the conference with the contractor (para 3d above), of all uncompleted or unsatisfactory work items classified as to Hull, Engineering, Electrical, Radio and Sound, Ordnance, Navigation, and Aeronautics, and as to Part I or Part II status. Each item should include specific information as to identification and location of the item, plan reference where possible, extent of work remaining to be done, corrective

88(AP)MFS:Hj

OFFICE MEMORANDUM #10 - REVISED

action taken in case of unsatisfactory operation, material status, and anticipated time of completion of item. (To be furnished Progress Officer by 0830 three days prior to trials. Additions or changes in work list to be furnished Progress Officer by 0830 one day before trials.)

- (3) Material Section - A list of all government furnished installation material shortages, including essential spares, classified as Part I or Part II. Each item should be specifically identified, source of supply shown, and latest expediting information given. (To be furnished Progress Officer one week before trials with revisions due two days before trials.)
- (4) Publications Section - A list of all government and contractor furnished publication and instruction book shortages showing source of supply, latest expediting information, and anticipated delivery date. (To be furnished Progress Officer four working days before trials.)

c. The Supervisor of Shipbuilding (Progress Officer) will have available on board the vessel at the time of trials the following:

- (1) Corrected copy of Circular of Requirements
- (2) Booklet of General Plans
- (3) Corrected copy of Contract with all authorized changes
- (4) Log of authorized alterations not accomplished with copies of authorizing letters or dispatches (Technical Officer)
- (5) Copies of material shortage lists as noted above

5. The Prospective Commanding Officer will make the following preparations in connection with subject trials: (See ref. (e) in connection therewith.)

a. After consultation with the Commanding Officer of the Commissioning Detail, prepare the following lists as enclosures to a forwarding letter addressed to the Senior Member of the Board of Inspection and Survey and forwarded via the Commanding Officer of the Commissioning Detail:

- (1) Unsatisfactory or uncompleted work items which have previously been submitted to the Supervisor, in accordance with para 3b of Ref. (e), and on which the PCO takes exception to the Supervisor's action. Specific and complete information is to be included.

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OFFICE MEMORANDUM #10 - REVISED

- (2) Recommendations for design changes or alterations which in the PCO's opinion will improve the ship's military efficiency, the safety and operational efficiency of the vessel, or the health and morale of the crew. A brief and accurate history of the item is to be noted as well as reasons for its recommendation.

It is suggested that minor alterations which can be accomplished by Ship's Force and which can be considered as conveniences rather than necessities should not be included in the list as they only detract from the more important items that may be proposed to the Board for favorable recommendations to the Bureau. Requests for desired additions to the Allowance List should not be presented to the Board, but should be presented by separate correspondence to the Supervisor.

Lists described above should be classified as Hull, Engineering, Electrical, Radio and Sound, Ordnance, Navigation, and Aeronautics. Twenty-five copies of the forwarding letter and enclosures should be prepared for the endorsement of the Commanding Officer of the Commissioning Detail and for subsequent forwarding to the Supervisor of Shipbuilding (Progress Officer) for distribution on board the vessel at time of trials.

- b. The PCO should have department heads aboard at time of trials who are thoroughly familiar with the vessel's construction and operation and with alteration items being presented, in order that discussions with Board members may be completed as expeditiously as possible.
- c. The PCO is requested to obtain, while underway trials are being held, at least ten checks on the Master Gyro Compass by azimuths and bearings. The PCO will have available the following items for this check on the Master Gyro Compass:

- (1) Chronometer, properly adjusted
- (2) Azimuth Tables
- (3) American Nautical Almanac
- (4) Charts of Puget Sound Waters
- (5) Parallel Rules

A report in full (original and two copies) should be submitted to Supervisor subsequent to trials.

6. The Commanding Officer of the Commissioning Detail will make the following preparations in connection with subject trials.

a. List of Personnel to Attend Trials

A list should be submitted to the Supervisor (Progress Officer) ten days before trials of all Commissioning Detail and ship personnel

88(AP)MFS:Hj

OFFICE MEMORANDUM #10 - REVISED

named to attend the trials. The list should be arranged according to activities or ships represented, and should include names and ranks of commissioned officers and total number of enlisted men from each activity. Naval personnel selected to attend trials should be strictly limited to those who will be needed on board for consultation, for the performance of special duty, or for essential training and observation.

b. Personnel to Operate Radar Installations

The presence on board of naval personnel qualified to operate the radar equipment is requested. Names of those assigned this duty should be submitted to the Supervisor (Progress Officer) three days prior to trials.

c. Consultation with PCO on Recommended Design Items or Alterations

Prior to the submission of the PCO's list of recommendations for design changes or alterations, as described in para 5a above, the PCO should confer with the Commanding Officer of the Commissioning Detail as to the value, the necessity, and the practicability of such proposed alterations. Upon receipt of the forwarding letter from the PCO to the Senior Member of the Board of Inspection and Survey, the Commanding Officer of the Commissioning Detail will endorse the letter and deliver twenty-five copies to the Supervisor of Shipbuilding (Progress Officer) one day before trials for distribution at the time of trials.

J. L. McGUIGAN  
Captain, USN  
SupShip, Tacoma

Distribution:

TPSI - 20

C.O. ComDet - 10

PCO CVE 112, 113, 115, 117, 119, 120

122-131; AD26; AV18 - 2 each

InSurvPac - 2

SupShip (all officers) - 1 each

TODD PACIFIC SHIPYARDS INC.  
Tacoma 2, Washington  
30 December 1944

CVE155/S8

RESTRICTED

From: Todd Pacific Shipyards Inc.  
(Tacoma Division)  
To: Senior Member, Board of Inspection and Survey  
(Pacific Coast Section)  
Via: Supervisor of Shipbuilding, U. S. Navy  
Tacoma, Washington  
Subj: USS CARRIER NAME (CVE155) - Completion Certificates for  
Ref: (a) InSurvWash ltr PS/S8(1314-S) of 16 Apr 1942

1. In accordance with paragraphs (3) and (4) of reference (a) the following certifications are made:

(3C) The Machinery and Appurtenances thereto have been installed in accordance with plans, specifications, contract terms and have been satisfactorily operated.

(3D) Gauges have been calibrated and adjustments made where necessary.

(3E) The Boiler Safety Valves have been set and tested.  
(3F) Safety Valves, Regulating Valves, Governors, Overspeed Trips, and Speed Limiting Devices have been tested and adjusted to function satisfactorily.

(3L) The Evaporator and Distilling Plant has been satisfactorily operated with Salt Water in accordance with test requirements.

(3M) The Refrigerating Plant has been satisfactorily operated in accordance with test requirements.

(3N) The Main Generators and Auxiliary Motor-Generator Sets have been satisfactorily operated and conform to Contract Specifications.

(3O) The Navigational Equipment has been satisfactorily installed, tested, and is ready for operation.

(4A) The vessel has been built in accordance with Contract, Plans, Specifications, and approved changes therein, the work being of good quality and workmanship throughout.

(4E) The Bottom of the vessel was inspected when last docked (give date) and found to be satisfactory (or placed in satisfactory condition prior to undocking).

(4F) The Draft Marks were checked and found to be correct during the last docking (if not, then prior to launching, giving date).

Signed \_\_\_\_\_

(Indicate Position) \_\_\_\_\_

First Endorsement:

1. Approved and Forwarded.

Supervisor of Shipbuilding, USN

ENCLOSURE (A)

SUPERVISOR OF SHIPBUILDING, U. S. NAVY  
Todd Pacific Shipyards Inc., Tacoma Division  
TACOMA 2, WASHINGTON

A4-1(AD)SEM:evs

12 August 1944

OFFICE MEMORANDUM NO. 12 (Revised)

To: All Concerned.

Subj: Fitting Out - Procedure for handling all classes of Allowance List material.

Ref: (a) Office Memorandum No. 23 of 25 March 1944.

1. Office Memorandum No. 12 is hereby cancelled and superseded by this revised memorandum.

2. Jurisdiction:

The Supervisor of Shipbuilding, U. S. Navy, Tacoma (Todd Pacific Shipyards Inc.) has been designated as fitting-out activity for all vessels being constructed under this cognizance. In order to properly coordinate the work of the contractor, ships' personnel, and the Commissioning Detail, procedure as outlined in the following paragraphs is established. Since the ultimate responsibility for the fitting out of the vessel with its proper allowance material is as outlined above, the Supervisor's organization is the final authority on all matters in conjunction with fitting-out work including warehousing, loading, security regulations, relations with contractor, movements of material, etc.

3. Allocation of Space:

The entire section of Building 110 east of the most easterly fire wall is allocated to the jurisdiction of the Commissioning Detail for use by the Commissioning Detail and ships' personnel. In general, the Commissioning Detail and the ships' personnel are expected to confine their activities strictly to that portion of Building 110 and except in cases where specific business requires same are not to be in the balance of the building at any time.

4. Material - Procurement of:

The Supervisor's organization is responsible for the procurement of all contractor furnished (X Allowance Items), Bureau furnished (Z Allowance Items), and Supply Officer furnished (Y Allowance Items) material which appears on the Allowance List. (It is understood that certain portions of this procurement are allocated to the contractor by the Supervisor.) The only exception to this is in the case of aviation ordnance items which, although they appear on the Allowance List, will be procured by arrangements as established between the Commissioning Detail and the



A4-1(AD)SEM:evs

12 August 1944

Bureau of Ordnance. The Commissioning Detail working with ships' personnel is responsible for the procurement of all other items required by the ships, such as GSK, C&SS, ship's store stock, etc., and requisitions will be prepared and placed by the Commissioning Detail accordingly.

In view of the limited space available for storage, the Commissioning Detail and/or ships' personnel will not issue shipping instructions covering material of any type for shipment to the fitting-out warehouse (Building 110) without prior authority from the Supervisor's office. This also applies to shipments of aviation ordnance equipment.

**5. Material - Receipt of:**

(A) All X, Y, and Z material appearing on the Allowance List will be originally received only by the contractor's personnel. Installation and "Stowage in place" items appearing on the Allowance List will after necessary installation or stowage be written up on the "Allowance Check-Off List" which will be prepared by the contractor. Upon completion of the physical check of these items by the contractor and ships' personnel, the contractor will furnish the Supervisor two copies of this list properly receipted by ships' personnel.

(B) Items which do not require installation or stowage in place will be handled as follows:

(1) X and Z items (except aviation ordnance, as noted in paragraph three) will be checked and turned over to the Commissioning Detail. Eight copies of the packing lists will be furnished the Commissioning Detail in each case and the Commissioning Detail will receipt three copies and return them to the contractor.

(2) Y items will be turned over to the Commissioning Detail in the original containers unopened as received after same have been checked against the Allowance List by means of the accompanying packing lists only. The Commissioning Detail will be furnished by the contractor with two copies of the bill of lading and eight copies of the detailed packing list in connection with this turnover. Three receipted copies of the packing list will be returned to the contractor.

(C) It is the intent of paragraph 5(A) and 5(B) above that all items appearing on the Allowance List will be accounted for by appearance on either (1) the Allowance Check-Off List; (2) receipted packing lists signed by the Commissioning Detail and ships' personnel; or (3) will appear on the shortage list (ref (a)), as delivered to the vessel at the time of its departure from this yard.

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12 August 1944

(D) All material for which the Commissioning Detail and/or ships' personnel have the responsibility of procurement will be delivered directly to the Commissioning Detail space and the contractor or Supervisor's personnel will maintain no record of same.

6. Material on Hand in Commissioning Detail Storage:

Material turned over to the Commissioning Detail by the contractor, as outlined in paragraph five above, will be only for the three lead ships. Space limitations of the area assigned to the Commissioning Detail in Building 110 preclude their having material on hand for more than three vessels at one time.

7. Loading:

The contractor will furnish the various types of mechanical equipment, with operators, which are required for warehouse handling and for loading ships as requested by the Commissioning Detail via the Supervisor's representatives. Except for these operators, the contractor will have no responsibility for the actual loading of any Allowance List items (other than items which require installation). Loading at the Commissioning Pier will be accomplished by the Commissioning Detail and ships' personnel according to prearranged schedule for each vessel as worked out by the Commissioning Detail, the Supply Officer of the vessel, and the Supervisor's office. The Commissioning Detail will furnish the Supervisor's Office with one receipt signed by the ship's Supply Officer for all Allowance List material delivered to the vessel.

By direction of SupShip:

S. B. MOSER

SUPERVISOR OF SHIPBUILDING, U. S. NAVY  
Seattle-Tacoma Shipbuilding Corporation, Tacoma Yard  
TACOMA 2, WASHINGTON

CVE/L6-1(AD)

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25 March 1944

OFFICE MEMORANDUM NO. 23

To: All Concerned.

Subj: Instructions Covering Shortage Lists on Allowance List Items.

Refs: (a) BuShip's Fitting Out ltrs #1 to 32 inclusive.

1. To comply with various Bureau of Ship's Directives on subject matter, which have been issued to insure that a substantially complete outfit of Title B and C items are aboard ships at the time of departure from fitting-out, and to further insure that maximum procurement and expediting efforts are maintained after the departure of the ships until all allowance list materials have been procured and forward to the ships, the following procedure is established for the handling of this matter.
  2. SCOPE OF PROCEDURE - The Shortage List procedure contained herein governs all items in pertinent allowance books indicated as Title B and Title C, including Bureau of Ordnance and Bureau of Aeronautics' materials with spare parts etc. It does not include supply officer furnished items, as necessary shortage list for this class of materials are prepared by the outfit supply activity.
  3. BASIS OF SHORTAGE LISTS - The basis for the preparation of shortage lists is the Key Allowance List for each vessel covering hull, machinery, aviation and ordnance, and including both Bureau furnished (Z items) and Contractor furnished (X items). Supply Officer furnished (Y items) are not included as indicated in Paragraph 2 above.
  4. REQUIRED SHORTAGE LISTS - Shortage lists will be supplied by the Contractor as noted below with number of copies indicated, all to be delivered to the Supervisor:
    - SHORTAGE LIST #1, which is the preliminary list, is to be completed forty days in advance of commissioning date. Four copies required.
    - SHORTAGE LIST #2 is to be completed as of date of official trials, and is to be the number 1 list made current and with latest available data on procurement of items listed thereon. Two copies required.
    - SHORTAGE LIST #3 is to be clean list of all shortages as of date of departure of vessel from fitting out. Ten copies required, plus four each separately bound copies of shortages noted against aeronautics and against ordnance allowance lists.
    - SHORTAGE LIST #4 is to be completed as of thirty days from date of departure of vessel from fitting out and is to be up-to-date revision of shortage list #3, including the latest procurement information.
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25 March 1944

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OFFICE MEMORANDUM NO. 23 (Continued)

On items still short, and including information as to destinations bill of lading number and date of shipment on materials received and forwarded subsequent to the departure of the vessel. Four copies required, plus one separately bound copy each of aeronautical and ordnance allowance lists.

5. **INFORMATION ON SHORTAGE LISTS** - Shortage lists are to consist of four separate sections for hull, machinery, Bureau of Ordnance and Bureau of Aeronautics' materials respectively, said four sections to be bound together into the Master List. Information to be contained on each shortage list is as follows:

- (a) Group and page number as shown in the applicable allowance list.
- (b) Article number, quantity and description.
- (c) Contractor and contract number for Bureau Furnished Materials (Z items).
- (d) Vendor and purchase order number for Contractor Furnished Materials (X items).
- (e) A brief statement of expediting action and current delivery information for all items.

6. **LATE DELIVERIES** - All subject materials, both Bureau Furnished and Contractor Furnished, received after the departure of a vessel, are to be forwarded promptly to the vessel. Upon receipt of such materials, Contractor will contact the Material Officer in the Supervisor's Office who will issue appropriate shipping instructions.

7. **EQUIPAGE INVENTORY** - As has been the past practice, the Contractor will furnish the Supervisor's office with four copies of list covering all items received and loaded aboard the vessel, and the Supervisor will secure appropriate receipts from the Commanding Officer of the vessel for same.

J. V. McGUIGAN

*S. B. Moser*

S. B. MOSER  
By direction

Appendix page 48

SUPERVISOR OF SHIPBUILDING, U. S. NAVY  
Seattle-Tacoma Shipbuilding Corporation, Tacoma Yard  
TACOMA 2, WASHINGTON

L9-3/L5-1(00)JLMcG:LF:Ks

18 May 1944

OFFICE MEMORANDUM No. 24

To: Seattle-Tacoma Shipbuilding Corporation, Tacoma (40 copies)  
PCO, All Vessels (AV15-17), (CVE105-127), (AS29-30), (AR13-16) (1 each)  
CO, Precommissioning Detail, Tacoma (10)  
All SupShip Officers (1 each)

Subj: Inspection Items, PCD Alterations and Freezing of Design -  
Policy on.

1. This office memorandum is issued in order to provide an orderly procedure during the end of the construction period of a vessel.
2. FREEZING OF DESIGN - In order that the Contractor may prosecute work with the minimum of interference, a freezing date will be set on each design. This will be the commencement of the testing period as follows:

AV15-17.....	7 weeks prior to the delivery
CVE105.....	2 months prior to delivery
CVE106.....	7 weeks
CVE107-127.....	7 weeks
AS29.....	7 weeks
As30.....	6 weeks
AR13.....	7 weeks
AR14-16.....	6 weeks

This freezing date means that only inspection items will be undertaken during this period. Alterations of the "development" type will be undertaken only on the joint specific approval of the Vice President and General Manager, Mr. Tucker, and the Supervisor of Shipbuilding, and then only if no delay is involved. Other alterations will be undertaken only on the specific authority of the Bureau of Ships on a "delay basis" or an incomplete work basis at delivery.

### 3. INSPECTION ITEMS AND ALTERATIONS

#### (a) Definitions

1. Inspection items are minor deviations in plans in order to make a workable installation.

2. Alterations are major changes in plans.

Example: In a large compartment the plans show a vent terminal and fog nozzle occupying the same space. The relocation of the vent terminal or

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fog nozzle or both in order to make a workable arrangement is an inspection item. If an additional fog nozzle were required in the compartment, this would be an alteration. Alterations are of two types - those which can be handled locally, and those which require the Bureau's action. The installation of an additional fog nozzle in the compartment would be an alteration which could be approved locally, and is known as a design "development". The addition of a CO<sub>2</sub> system in the compartment would be subject to the Bureau's action as it was not included in the contract plans and requirements.

(b) Procedure for Handling

1. Inspection items will be submitted in triplicate by the Acting PCO to the Senior Inspection Officer on the form provided for the purpose. Only one item on each form will be included. The Acting PCO will be informed on the action taken by the return of one copy. If the Acting PCO takes exception to the action, he will confer with the Senior Inspection Officer. If an agreement cannot be reached, the Senior Inspection Officer will submit the matter to the Supervisor of Shipbuilding. He will advise the Acting PCO of his action either by letter or at the regular Monday morning conference, appropriate notation being made in the minutes. If the PCO takes exception to the SupShip's ruling, he will present the matter to the Trial Board for decision.

PROMPT PLAN ACTION REQUIRED IS THE RESPONSIBILITY OF THE CONTRACTOR.

2. Alterations - if the PCO or Acting PCO considers that an alteration is of sufficient military importance to warrant its submission prior to the official trials, it should be submitted to the Supervisor of Shipbuilding via the Commanding Officer of the Pre-Commissioning Detail in letter form. This letter should include appropriate plan or plans. Paragraph 1 should present a brief description of the item, including its history - i.e., whether it has previously been considered with vessels of the same class. Paragraph 2 - a discussion of the defects and the reasons for the alteration. Paragraph 3 - the recommended alteration in sufficient clarity so that no misunderstanding will result. The Commanding Officer of the Pre-Commissioning Detail will forward the request to the Supervisor of Shipbuilding with his recommendation. An alteration request will cover one item only.

a. The Supervisor of Shipbuilding will sign all correspondence pertaining to alterations.

4. LIAISON WITH SHIP PERSONNEL - it is desired to have freest liaison between ship personnel and the inspection force. Accordingly, as each ship becomes the lead ship, the Senior Inspection Officer will arrange with the commanding officer for meeting of personnel. It will be the duty of the Senior Inspection Officer to insure that full understanding of the inspectors' duties are known to ship personnel.

5. SHIP'S PERSONNEL - Dealings (giving of orders, requests, and authorizing work by Ship Personnel) between Ship's Personnel and Contractor's personnel is forbidden. Undertaking unauthorized "cumshaw" work will be dealt with by

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appropriate disciplinary action for Naval personnel and suspension of costs for the contractor. This does not prevent ship's personnel from discussing with Contractor, Sub-contractor, and Government Supplied Material Vendor personnel, any matters for the purpose of obtaining information.

6. Senior Inspection Officer will include in his letter covering the assignment of inspection personnel, a paragraph inviting attention to this office memorandum and requesting all concerned to familiarize themselves with it.

J. L. McGUIGAN

SUPERVISOR OF SHIPBUILDING, U. S. NAVY  
Seattle-Tacoma Shipbuilding Corporation, Tacoma Yard  
TACOMA 2, WASHINGTON

A4-1/19-3(00)JLMG:LF:Ks

18 May 1944

OFFICE MEMORANDUM NO. 25

To: Seattle-Tacoma Shipbuilding Corporation, Tacoma (40 copies)  
PCO, All Vessels (AV15-17), (CVE105-127), (AS29-30), (AR13-16) 1 each.  
CO, Precommissioning Detail, Tacoma (10)  
All SupShip Officers (1 each)

Subj: Procedure covering completion of vessels at Seattle-Tacoma Ship-  
building Corporation, Tacoma; policy on.

1. In order to insure an orderly progress of testing, trials, and delivery,  
the following approximate periods will be allowed during the "construction  
period":

(a) From lighting off to completion of testing:

AV15-17.....	6 weeks
CVE105.....	8 weeks
CVE106.....	7 weeks
CVE107-127.....	6 weeks
AS29.....	7 weeks
AS30.....	6 weeks
AR13.....	7 weeks
AR14-16.....	6 weeks

The Contractor will submit to the Supervisor for approval, a schedule  
covering this period.

(b) Preparation for trials - 1 day

(c) Trials - 1 day, except for CVE105 and AS29

(d) Interval-trials to delivery - 4 days with the day prior to com-  
missioning available for loading as desired by the Commanding Officer at the  
Commissioning Dock. Cleaning up of debris, etc., caused by loading is ship's  
force work.

(e) Commissioning and fitting out period - for loading, drills, etc.,  
as assigned by responsible naval activity.

2. Definitions

(a) Part I Items - "This is an item of work considered absolutely  
essential before the vessel can operate for unrestricted service".



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(b) Part II Items - "This is an item of work while required by the Specifications and which is desirable to enhance the vessel's efficiency but can be done at a future availability and not during the out-fitting period to the consequent delay of placing the vessel in service".

(c) Essential Spares - These are spares for equipment such that if the original machine suffers a casualty the vessel without such spares would be highly restricted for its use in the purpose for which the vessel was designed. These spares will normally consist of spare equipment for the main propulsion equipment, and such auxiliary equipment as is necessary in the operation of the vessel.

### 3. Completion Status of Outstanding Work and Tests

Upon completion of testing period, all Part I Items should have been tested and dock trials should have been sufficiently thorough to insure satisfactory operation of all equipment on the official trials. On the day of delivery and commissioning, all Part I Items are to be completed and to have passed satisfactory operational tests; only minor "pick-up" items of work and the installation of late delivered equipment is to be undertaken during the commissioning of fitting out period. As an example of minor pick-up items of work the following are cited:

(a) Installation of a few missing label plates or such label plates as may be required by the equipment of late alterations or minor changes to the involved systems.

(b) Provision of stowages for such allowance items as require storage and for which dunnies or plans were not available prior to the receipt of allowance items.

(c) Very minor pick-up painting and stenciling jobs throughout the vessel; however, all painting should be completed in living quarters and store rooms or adjacent compartments prior to commissioning.

In regard to the installation of late delivered equipment, it should be noted that every effort possible should be made to expedite the arrival of such essential equipment (including spare parts) as may be classified as Part I. This includes Government furnished as well as Contractor furnished equipment.

4. Preparations in connection with trials by the Board of Inspection and Survey or by such duly authorized sub-board is covered by SupShip, Tacoma, Office Memorandum No. 10 (revised). This memorandum calls for a comprehensive, accurate, and detailed list of unfinished items of work and tests, since this list will eventually serve as the basis of work to be accomplished at the Commissioning Dock during the fitting out period. On delivery, the Contractor will prepare a revision of the above mentioned list making it applicable as of the commissioning day, including all work that remains outstanding as of the time of its preparation. This list will be agreed to

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for accuracy and such additions as may be necessary by the Senior Inspection Officer and the Prospective Commanding Officer of the vessel. The list will be more or less similar to the arrival reports used at navy yards and will serve as a basis for all work to be done at the Commissioning Dock during the commissioning of fitting out period. The list must conform in general to the work outlined in the trial report so that no additions will be made to this list during the commissioning period without the direct approval by the Supervisor of Shipbuilding.

5. During the fitting out or commissioning period while the work in the forementioned list is being progressed toward completion, a daily conference on board the ship will be held with the commanding officer, representatives of SupShip office, and Contractor's representatives. The general purpose of this conference being not only to expedite the completion of work but also to settle any controversial "inspection" items.

6. Upon completion of all work authorized for accomplishment during the fitting out or commissioning period, a departure report noting the vessel's status of completion will be prepared by SupShip Office for the vessel and the Bureau. This report will use the work lists noted in the trial report as a basis for reporting the status of the vessel's completion. The report will also cover such authorized alterations and changes in design as may be outstanding at the time of departure and which may be accomplished at a later availability; necessary information on material pertaining to these items will be supplied. The distribution of the departure report will be such as to keep other activities informed on the status of the vessel when it leaves the Builder's Yard.

(a) The Commanding Officer and other interested naval activities will be kept informed as to the disposition (shipping destination) of such Government furnished and Contractor furnished material as arrives subsequent to the vessel's departure from the Builder's Yard. Where possible, it is requested that the Commanding Officer supply this activity with information on where late delivered material may best be forwarded.

(b) Attention is invited to SupShip Office Memorandum No. 23, dated 25 Mar 1944, which covers handling of allowance material for vessels building under this activity.

7. Attention of all concerned is invited to SupShip Office Memorandum No. 15 and No. 24, in which the procedure for testing equipment by the Inspection Force is outlined. Particular attention should be given to the time required on notices of tests by 1500 of the day preceding the test.

J. L. McQUIGAN

SUPERVISOR OF SHIPBUILDING, USN  
Todd Pacific Shipyards, Inc.  
Tacoma Division  
Tacoma 2, Washington

Sl-3(TA)SDS:jt  
Sl-7

16 February 1945

OFFICE MEMORANDUM NO. 26 - Revision No. 2

To: All Prospective Commanding Officers

Subj: Plans and Instruction Books - Distribution of.

- Refs: (a) SupShip, Tacoma Office Memorandum No. 26, Revision 1 dated 11 Dec 1944  
(b) BuShips ltr CVE105/S8(512) of 15 Nov 1944  
(c) SupShips, Tacoma ltr CVE105/Sl-3(T)FMY:J1 over CVE105/S41 of 22 Nov 1944  
(d) Appendix 16 to General Specifications dated February 1931  
(e) BuShips ltr Sl-3(1) (610), EN28/A2-11 of 11 Feb 1944  
(f) BuShips ltr Sl-3(1) (610a), EN28/A2-11 of 19 Jan 1944  
(g) BuShips ltr C-Sl-3(505), C-EN28/A2-11 of 12 Jan 1944  
(h) BuShips ltr C-FS/A4-3(505), C-EN28/A2-11 of 20 April 1944  
(i) BuShips ltr C-FS/A4-3(505), C-EN28/A2-11 of 3 June 1944  
(j) General Specifications for Machinery - Section Sl-1  
(k) BuShips ltr ACV105 Class/Sl-3(512-610) of 4 March 1943  
(l) SupShips, NY, ltr CVE105/AD26,28/Sl-3/Sl-7(5806-D4) of 26 Dec 1944

1. Superseding instructions of ref (a), the issue of plans, instruction books and publications to ships will be governed as follows:

I. PLANS

(A) WORKING PLANS

(1) Two copies of all plans and subsequent alterations for each class of vessels are furnished the Commissioning Detail. In addition, a selected set of plans for each class is furnished the Commissioning Detail for use of the ships' details at Bldg. 40. This set of plans is checked once every three months and latest alterations issued. If the ships' personnel desire to study plans which have not been furnished to Bldg. 40, they may do so at the Supervisor's Office, Bldg. 31. Such plans will be issued on receipt and are not to be removed from Bldg. 31.

(2) After commissioning, a set of working plans (one print of each except in specific cases) in accordance with approved lists, will be furnished by the contractor to the vessel. This list will be prepared by the contractor and/or Design Agent and approved by the Supervisor of Shipbuilding. These plans will be delivered by the contractor to a representative of the ship. A representative of the Supervisor's office will be present and obtain the necessary receipts.

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(3) For a completed design class of ships a composite set of corrected working plans (CB's or original pen and ink tracings) of Hull, Machinery and Electrical will be assembled by the Design Agent or the shipbuilding contractor, as agreed, for forwarding to the Bureau of Ships, via appropriate Navy channels.

(B) TRIAL ITEMS AND UNCOMPLETED WORK AND AUTHORIZED ALTERATIONS

(1) CVE105 Class Only - In compliance with paragraph 3 of ref (b) and paragraph 2 of ref (1) blueprint copies of plans, both new and altered, developed for the accomplishment of items authorized as Class Items at the time of trials will be distributed as follows:

(a) Plans developed at Tacoma

- (1) Bureau of Ships - 2
- (2) SupShip, New York - 4
- (3) Home Yard - 1

(b) Plans Developed by Design Agent under Approval of SupShip, N.Y.

- (1) Bureau of Ships - 2
- (2) Home Yard - 1

(2) In compliance with refs (g), (h), and (i), the procedure for distributing information on uncompleted authorized alterations for CVE105-127, AV14-18, AD26-31 Classes will be as follows:

(a) Furnish Commanding Officer, by hand, just prior to departure, the Departure Report which will include a list of uncompleted, authorized alterations. This report has a wide distribution and is furnished to Comdt., Pearl Harbor; Navy Yard Puget Sound; Navy Yard Mare Island; Hunter's Point; Terminal Island; Naval Repair Base, San Diego; Fleet Maintenance, etc., and ComSerPac or ComServLant, as applicable.

(b) Furnish all plans, new and altered, applicable to preceding vessels. In general, these will be listed on the Gibbs & Cox Freezing Schedule which will be included in the respective item on the Departure Report. Other applicable plans will also be forwarded:

- (1) Navy Yard Pearl Harbor - 1 VanDyke
- (2) Industrial command - Naval Repair Base, San Diego - 1 VanDyke
- (3) Commanding Officer - 2 blueprints

(c) To keep the ships advised as much as possible, two (2) copies of ANC's (Advance Notice of Change to working plans) which are prepared for subsequent vessels and are applicable to previous vessels will be furnished the Commanding Officers.

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(d) The Gibbs & Cox Freezing Schedule which lists all the plans on authorized items will be furnished as follows:

- (1) Navy Yard Pearl Harbor - 2 copies
- (2) NavRepBase, San Diego - 2 copies
- (3) PCO of each vessel (before departure from Tacoma) - 1 copy

(C) HULL FINISHED PLANS

(1) After Commissioning, a separate set of Hull Finished plans in accordance with ref (d) and as listed below, will be furnished for each vessel of the class. For the CVE105-127 Class and AD26-31 Class the hull finished plans will be prepared by the Design Agent (Gibbs & Cox) and transmitted to the vessel by SupShips, Tacoma. For the AV14-18 Class the hull finished plans will be prepared by TPSI, Tacoma and transmitted to the vessel by this office. The tracings (CB's) from which these hull finished plans have been printed are forwarded to the Bureau of Ships. The Bureau of Ships upon receipt will forward these tracings to the home yard of the vessels, where they will be retained until the home yard of the vessel is changed, in which event they will be transmitted fully corrected to new home yard.

(2) FINISHED PLANS

- (a) General Plans - CVE105-127 Class, AD26-31 Class, AV14-18 Class
- (b) Booklet of General Plans
  - Booklet of Tank Capacities and Correction Curves
  - Compartment and Access Plans, all decks
  - Compartment and Access Plans, Inboard Profile
  - Docking Plans - (Van Dyke of Docking plan is forwarded to BuShips for each vessel on departure of the vessel.)
  - Draft Diagram
  - General Information Book Plates, if any
  - List of Pacings, Gaskets, and Grommets
  - Schedule of Watertight Integrity Tests and Inspections
- (c) Diagrams of Systems - CVE105 Class, AD26-31 Class

- Air System
- Alcohol System
- Chemical Fire Ext. System
- Drainage Systems, Main and Secondary
- Fire and Flushing System
- Fuel and Diesel Oil System
- Gasoline Stowage and Handling System
- Inert Gas System
- Plumbing and Deck Drains
- Plumbing Spaces, Supply Piping
- Sprinkling Systems, Fog Nozzle
- Sprinkling Systems, Magazine

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Sprinkling System, Storerooms, Hangar, Etc.  
Steering Gear Control System  
Ventilation Systems  
Voice Tubes, pneumatic tubes, and mechanical signals

**(D) MACHINERY FINISHED PLANS**

(1) Machinery finished plans, similar to Hull corrected working plans, will be prepared for CVE105 Class and will be furnished to the Bureau as a part of the composite set of corrected working drawings referred to in paragraph 1-I(A)(3) above and will show the work as actually accomplished on each vessel.

**(E) VENDORS PLANS (Contractor Supplied)**

(1) Prints of contractor supplied equipment are furnished to the Supervisor for delivery to the vessel after commissioning in accordance with approved lists. On the CVE105-127 and AF26-31 classes these lists are compiled by the contractor from the purchase orders and approved by the Supervisor of Shipbuilding, New York. One (1) of each print is furnished. Delivery of vendors plans is accomplished at the time of delivery of the ships' set of working plans in accordance with paragraph 1-I(A)(2) above, and receipt taken. Reproducibles of vendor's drawings are prepared by the vendor, as specified on the purchase orders and forwarded to the Bureau of Ships by the Design Agent via SOS New York.

(2) Main Propulsion Equipment. In addition to regularly approved vendors plans as outlined in paragraph (1) above and in accordance with ref (c), sets of the following will be furnished each vessel for the main propulsion turbines and for the main reduction gears.

- (a) Plans showing final approved clearances
- (b) Plans showing errors in machining and deviations in machining from the approved detail working drawings
- (c) Spare parts list plans showing deviations between spare parts actually furnished and the approved spare parts as per purchase order

**(F) VENDORS PLANS (Government Supplied)**

(1) Plans for Government furnished equipment are supplied by the vendors to the Government in accordance with the terms of their contracts. Contractors generally require one set of finished plans (reproducibles) for the Bureau, and in some instances, a set of ships plans with each unit. Plan requirements of contracts for each class are determined by SupShips, Tacoma and a list compiled. As the plans are received by the Supervisor, either as part of the contract obligation or from the Bureau, these plans will be forwarded to the vessels after commissioning and receipt taken.

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(G) SHIPS PLAN INDEX (SPI)

(1) By refs (e) and (f) the Bureau of Ships authorized the various activities to discontinue the distribution of blueprints to the Navy Yards for each vessel constructed. In lieu of this, a set of plans applicable to one vessel of each design class (generally the first vessel of each class) is forwarded to all Navy Yards in the form of microfilm. The microfilm is prepared from a set of blueprints furnished the Bureau of Ships by either the shipbuilder or the Design Agent. The Design Agent has forwarded or will forward, assembled via SOS N.Y., to BuShips for microfilming, a set of blueprints of working plans and vendors plans for the CVE105 Class.

(2) It is assumed that this same procedure will be followed for AD26 Class.

(3) TPSI will assemble and forward via SupShips, Tacoma one (1) set of blueprints each of both working plans and vendors plans for AV14 Class.

(4) To enable ready location of any plans on the microfilm a Ships Plan Index (SPI) is prepared. The SPI lists all plans under the cognizance of the Bureau of Ships and applicable to the vessel concerned in the order of the Navy Filing Manual. Each plan listed for microfilming is assigned a frame number. These numbers are assigned in the same order as the plans on the SPI as far as practicable. A cross index listing plans in the order of the Bureau plan numbers, with corresponding frame numbers entered opposite each such plan number is provided to facilitate locating plans on microfilm. A separate SPI is prepared for each vessel constructed. The above microfilm together with copies of the SPI for other vessels of the class will insure that each yard is provided with reproducible copies of the vast majority of applicable plans together with information giving the Bureau Plan number and title of all other plans applicable to each vessel as completed. Each vessel is furnished a copy of the SPI at the time the ships set of plans is transmitted.

(H) CATAPULT PLANS

(1) The catapult plans for the Type II, Mark II, Mod. 1, Type II, Mark 4C, and numerous reports are received from NAP. The operating instructions are received from Bureau of Aeronautics. Upon receipt, the plans are checked, all shortages adjusted and then transmitted to the vessel and receipt obtained.

II. INSTRUCTIONS BOOKS

(1) Instruction books are furnished to the Supervisor for delivery to the vessels after commissioning in accordance with approved lists. These lists are compiled from the purchase orders by the Contractor or Design Agent for contractor furnished equipment and approved by the Supervisor. A list of instruction books to be supplied on Government furnished equipment is compiled by the Supervisor from the Government contracts. Instruction books will be delivered to the vessel in the

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## II. INSTRUCTIONS BOOKS (Cont.)

presence of a representative of the Supervisor of Shipbuilding and receipted for by a responsible officer of the ship. As sufficient copies are received, a single set, with extra books when available, will be maintained at Bldg. 40 for the use of the Commissioning Detail. All instruction books in the Supervisor's files (Bldg. 31) are available to ships' personnel. All books borrowed from the Supervisor's office files will be issued on receipt and are not to be removed from the building.

### (A) INSTRUCTION BOOKS (AV14-18)

#### (1) Contractor Supplied

(a) For non-military equipment, such as shop machine tools, galley and laundry equipment, etc., twelve (12) copies are furnished by the Contractor to the Supervisor for distribution to:

- (1) Bureau of Ships - 1 copy
- (2) CO of vessel - 2 copies
- (3) Home Yard - 1 copy
- (4) Supervisor's file - 2 copies

(b) For military equipment, machinery, auxiliaries, and electrical plant, etc., thirty (30)\* copies are furnished to the Supervisor for distribution to:

- (1) Bureau of Ships - 5 copies
- (2) CO of vessel - 2 copies
- (3) Home Yard - 2 copies
- (4) Supervisor's office - 3 copies
- (5) Navy Yards - 12 copies
- (6) Annapolis - 12 copies

(c) The Supervisor will deliver to the vessel, after commissioning, two (2) complete sets of Contractor supplied instruction books in accordance with approved lists. Receipt will be taken upon delivery.

#### (2) Government Supplied

(a) Instruction books for Government furnished equipment are furnished by the vendors to the Government in accordance with the terms of their contracts. These instruction books, when received by the Supervisor, will be delivered to the vessel after commissioning in accordance with approval lists, and receipt will be taken.

#### (3) Miscellaneous Booklets

(a) The following miscellaneous booklets and other data compiled

Appendix page 60



SI-3(TA)SDS:jt  
SI-7

(3) Miscellaneous Booklets (Cont.)

by the contractor, will be furnished the vessels after commissioning in the quantities indicated:

- (1) Nameplate data and description - 1 stenciled bound copy
- (2) Report of tests - 1 stenciled bound copy
- (3) Engineering operating instructions - 20 stenciled bound copies

(B) INSTRUCTION BOOKS AND BOOKLETS CVE105-127

(1) Instruction books for Hull, Machinery, and Electrical Equipment are being furnished in accordance with General Specifications for Machinery Section S-1-b amended by S-1, Amendment #2 of 1 Dec 1941 and SI-1, Amendment #3 of 1 March 1942. These requirements may be reduced for certain minor equipment upon the approval of the Supervisor.

(2) The following booklets will be prepared by the Design Agent, and furnished by the Contractor, via the Supervisor, except as noted:

(a) General Information Book. BuShips has issued contract for printing final books and will issue directly to vessel upon receipt. Two (2) copies, preliminary form, are furnished the CO before departure from builders Yard.

(b) Damage Control Book. The preliminary damage control book is prepared by the Design Agent and furnished the Bureau of Ships for approval and printing. Final book including lithographed plates is furnished directly to the vessel by the Bureau. The material condition check off list is furnished by TPSI. One (1) corrected copy and four (4) uncorrected copies are delivered before departure from the builders Yard. One (1) copy corrected and having classification and division cognizance noted will be supplied by Commissioning Detail, Tacoma.

(c) Record of Electrical Installation. The record of Electrical Installation is prepared by the Design Agent under cognizance of SOS, N.Y. Deliveries will begin approximately 1 June 1945.

(d) Booklet of Machinery Plans. The booklet of Machinery Plans is prepared by the Design Agent and approved by SOS, N.Y. A separate C.B. is corrected for each ship by TPSI and 10 copies furnished the vessel approximately one month after commissioning. One (1) preliminary copy is furnished prior to leaving the builders Yard.

(e) Synopsis of Hull and Machinery Data. Synopsis of Hull and Machinery data is prepared by the Design Agent under cognizance of SOS, N.Y. Issue will begin approximately 15 March 1945.

(f) Instruction Books for Piping Systems and Related Equipment. Ten (10) copies of the Instruction Book of Piping Systems, after approval by

S1-3(TA)SDS:jt  
S1-7

(f) Instruction Books for Piping Systems and Related Equipment (Cont.)

BuShips and being printed by the contractor, will be furnished the vessel by the Supervisor subsequent to Commissioning. Five (5) preliminary copies of this book, in white print paper form, will be furnished to each PCO for his use prior to commissioning of the vessel.

III. ORDNANCE PUBLICATIONS

(1) The following is quoted from ORDNANCE FITTING OUT INFORMATION dated 1 October 1944, a BuOrd publication for the addressees information:

"Four months in advance of the ships end of construction date the commissioning allowance of publication is sent without request directly from the Publications Center, Naval Gun Factory to the ships Prospective Commanding Officer in care of the Builders Yard or Commissioning Detail. This commissioning allowance may be requested earlier for training purposes if desired. A list of the publications for each vessel is included in the commissioning shipment."

(2) Those Ordnance instruction books which come packed with the equipment are removed and forwarded to the vessel by this office at the time instruction books are transmitted as outlined above.

2. SHORTAGE LISTS

(a) In the event that any of the aforementioned items to be furnished the vessel upon delivery are not available at that time, these items will be noted as shortages and made the subject of separate correspondence and forwarded when received without further request from the ship.

3. LIBRARY BLDG. 40

(a) The library at Bldg. 40 was established for the use of ships' personnel. The responsibility for indexing and issuing of all matter from and the control of the library rests with the Commanding Officer of the Commissioning Detail. Copies of additional blueprints or other matter required are to be ordered through the librarian assigned by the Commanding Officer of the Pre-Commissioning Detail.

4. CVE105-127 CLASS VESSELS OUTFITTING UNDER COGNIZANCE OF SUPSHIP, PORTLAND

(a) For vessels being outfitted under the cognizance of SupShip, Portland, the Commanding Officer will receive plans, Instruction books and Publications as outlined above, via SupShip, Portland. As applicable to these vessels, Paragraphs I-1 through I-III are discussed below:

SI-3(TA)SDS:jt  
SI-7

- (1) Para. 1-I(A)(1). Set of working plans will be supplied the vessel by SupShip, Portland from reverse reading Vandykes regularly received for use in construction.
- (2) Para. 1-I(A)(3). Composite set of corrected working plans including vendors plans for the class will be assembled by the Design Agent from check prints received from the shipbuilders.
- (3) Para. 1-I(B). Information and plans on uncompleted work and authorized alterations will be supplied by SupShips, Portland.
- (4) Para. 1-I(C). Hull finished plans will be prepared by the Design Agent and transmitted to the vessel by SupShip, Portland.
- (5) Para. 1-I(D). Machinery finished plans will be furnished as stated in Paragraph 1-I(D).
- (6) Para. 1-I(E)(1). Vendors plans (contractor supplied) will be assembled by the Design Agent and forwarded to TPSI, Tacoma. TPSI will forward these to the shipbuilder concerned at Portland, who will, as directed by SupShip, Portland, make transmittal to the vessel.
- (7) Para. 1-I(E)(2). Plans on main propulsion equipment showing final clearances, machining errors, and deviations in spare parts will be forwarded to SupShip, Portland by SupShips, Tacoma for transmittal to the vessel.
- (8) Para. 1-I(F). Vendors plans (Government supplied) received for the vessel, will be forwarded to SupShip, Portland by SupShips, Tacoma for transmittal.
- (9) Para. 1-I(G). SPI will be furnished by SupShips, Portland from reproducible corrected by the appropriate shipbuilder, TPSI will forward the original reproducible to the shipbuilders under SupShip, Portland for correction.
- (10) Para. 1-I(H). Catapult plans for the vessels will be forwarded as received to SupShips, Portland by SupShips, Tacoma for transmittal.
- (11) Para. 1-II(B). Instruction books (contractor supplied) for each vessel are forwarded to SupShips, Portland by TPSI via SupShips, Tacoma. These copies of each book are supplied. Instruction books (Government supplied) for each vessel are forwarded to SupShips, Portland by SupShips, Tacoma in number required by the particular contracts.
- (12) Para. 1-II(B)(2). The following booklets will be prepared by the Design Agent and furnished by the contractor (printing by contractor, issuing by BuShips) via SupShips, Portland, except as noted:
  - (a) General Information Book - Final issuing by BuShips

S1-3(TA)SDS:jt  
S1-7

(12) Para. 1-II(B)(2) (Cont.)

- (b) Damage Control Book - Final printing and issuing by BuShips
- (c) Record of Electrical Installation
- (d) Booklet of Machinery Plans (corrected by shipbuilder)
- (e) Synopsis of Machinery and Hull data
- (f) Instruction Book for Operation of Piping Systems and Related Equipment

(13) Para. 1-III. Commissioning Allowance of Ordnance Publications will be furnished as outlined in paragraph 1-III above.

J. L. McGUIGAN

**SUPERVISOR OF SHIPBUILDING, U. S. NAVY**  
**Todd Pacific Shipyards Inc., Tacoma Division**  
**Tacoma, Washington**

A19-1(00)JLMG:VMI

6 August 1945

Minutes of the meeting held 6 August 1945, at 1930, in the office of the Supervisor of Shipbuilding, USN. The conference was presided over by the Supervisor of Shipbuilding, Captain J. L. McGuigan, and attended by:

**SUPSHIP REPRESENTATIVES**

Comdr. W. T. Alexander  
 Lt. Comdr. S. B. Moser  
 Lt. A. W. Kremer  
 Lt. V. C. Norton  
 Lt. B. W. Davis  
 Lt. S. D. See  
 Lt. M. H. Nelson  
 Lt. B. H. Downs  
 Lt. F. D. Thompson  
 Lt. M. F. Salber  
 Lt. W. A. Doble  
 Lt. (jg) P. S. Washom  
 Lt. (jg) D. E. Suter  
 Lt. (jg) E. V. Shouse  
 Mr. W. T. Tovey  
 Mr. H. C. Rohmer  
 Mr. F. L. Salinger  
 Mr. E. C. Anderson  
 Mr. Chas. Williams

**COMMISSIONING DETAIL REPRESENTATIVES**

Captain S. W. Callaway (C.O.)  
 Lt. W. S. Townsend (C.&R.)  
 Lt. E. M. Fain (C.&R.)

**BUSHIPS REPRESENTATIVE**

Mr. E. R. Bouvier

**TPSI REPRESENTATIVES**

Mr. Lemont  
 Mr. Goodrich  
 Mr. Green  
 Mr. Baarslag  
 Mr. Faste

**USS SAIDOR - CVE 117**

Captain A. P. Storrs (PCO)  
 Lt. Comdr. J. A. McBreger (Air Off.)  
 Lt. C. W. Overton (1st Lt.)  
 Lt. J. D. Sullivan (S.O.)  
 Ens. G. A. Martin (Gunnery Dept.)  
 Chief Carpenter C. W. Enscoe

**USS POINT CRUZ - CVE 119**

Lt. Comdr. W. F. Mueller (S.O.)  
 Lt. H. L. Murphy (Asst. Engr.)

**USS MINDORO - CVE 120**

Lt. Comdr. G. M. Callison (S.O.)

**USS SHERANDOAH - AD26**

Captain A. C. Burrows (PCO)  
 Comdr. W. O. Angus (Repair Off.)  
 Lt. Comdr. J. M. Oswald (Dental Off.)  
 Lt. D. R. Lacey (1st Lt.)  
 Lt. Palmer Hughes, Jr. (S.O.)  
 Lt. M. B. Ruegamer (Eng. Off.)

A19-1(00)JLMG:vm1

6 August 1945

USS SAIDOR - CVE 117 - Hull 67

1. TRIALS AND DELIVERY

- (a) DELIVERY DATE: 27 August 1945
- (c) DOCK TRIALS: Aft Engine Room, 6 August 1945; Forward Engine Room, 14 August 1945.
- (e) OFFICIAL TRIALS: 23 August 1945 (Lt. Salber)
- (f) COMMISSIONING: Liaison of PCO with Lt. Comdr. Moser

5. STOREROOMS, COMPTS, A-211-LAE, A-217AE, A-207AE, A-303A, A-306A, AND A-315A (Lt. Downs)

- (a) Contractor authorized to issue a hold-up on the storerooms for CVE 117 and CVE 119.

6. ROCKET STOWAGES (Mr. Faste)

- (a) Contractor will submit a letter to SupShip office advising status of rocket stowage on departure, Tacoma. Copies of this letter will be furnished PCO and NRB, San Diego.

USS POINT CRUZ - CVE 119

1. TRIALS AND DELIVERY

- (a) DELIVERY DATE: 24 September 1945
- (b) LIGHTING OFF: Aft Boiler Room, 23 August 1945; Forward Boiler Room, 28 August 1945.
- (c) DOCK TRIALS: Aft Engine Room, 4 September 1945; Forward Engine Room, 10 September 1945.
- (e) OFFICIAL TRIALS: 20 September 1945

CVE 105 CLASS GENERAL

40 LAUNCHING (Lt. Comdr. Moser)

- (a) USS PALAU (CVE122) is scheduled to be launched at 1730 on 6 August 1945. The sponsor will be Mrs. John P. Whitney, wife of Commodore John P. Whitney, USN, Naval Air Transport Service, Oakland, California.

A19-1(00) JLMG;vml

6 August 1945

(n) USS TINIAN (CVE123) is scheduled to be launched at 1630 on 3 September 1945.

AD26 DESTROYER TENDER

1. TRIALS AND DELIVERY (Mr. Goodrich)

(a) DELIVERY DATE: 16 August 1945 (Tentative)

(f) COMMISSIONING: Liaison of PCO with Lt. Comdr. Moser

(n) MOVEMENT OF VESSEL: Ship will be transferred to Commissioning Dock Saturday, 11 August 1945, at 1800.

17. ITEM 23c (Mr. Faste) (Comdr. Alexander) (Comdr. Angus)

(a) This item calls for: "Provide insulated stack from vents of heat treating furnace in blacksmith and welding shop (C-402E) to weather." In lieu of the approved item, Contractor will provide ventilation as required and conduct a test in the presence of Ship's officers and representatives of SupShip force.

18. BOAT-HOISTING MACHINERY (Lt. Lacey)

(a) Conference this afternoon, 6 August 1945, at 1400 with Todd, vendor's representative, SupShip and AD26 to consider Contractor's proposal to remedy defects of boat-hoisting machinery.

19. DENTAL LABORATORY

(a) Conference on board AD26 at 1030, 6 August 1945, with representatives of Contractor, Mr. Faste and Mr. London; Lt. Downs; Mr. Salinger; and ship's dental officer.

20. ITEM 94c - SPRINKLING FOR AMMUNITION COMPARTMENTS (Lt. Downs)

(a) SupShip office will advise of correction in wording of item.

AD CLASS GENERAL

AV18 SEAPLANE TENDER

GENERAL

98. CONFERENCE (See items 18 and 19 under AD26)

A19-1(00)JLMG:vm1

6 August 1945

115. PROCEDURE FOR FURNISHING MATERIAL TO LAKE WASHINGTON -  
REVISION OF

(c) SupShip will take action on Contractor's revised procedure.

116. ANTI-AIRCRAFT TRAINING CENTER, PACIFIC BEACH - VISIT TO (Lt. Suter)

(a) Lt. Suter will be in charge of group making visit, Thursday,  
9 August 1945.

J. L. McGUIGAN

**DISTRIBUTION:**

All SupShip Officers

TPBI (35)

Lt. Comdr. Fay, NCI

All Ships' Officers Attending

Conference, Facilities, and Central Files.



**SUPERVISOR OF SHIPBUILDING, U. S. NAVY  
Seattle-Tacoma Shipbuilding Corporation, Tacoma Yard  
TACOMA, WASHINGTON**

P14-2/L5(AD)

19 August 1943

Gg

**MEMORANDUM**

**To:** Seattle-Tacoma Shipbuilding Corporation, Tacoma, Washington

**Subj:** Inspection Force - Assignment and Duties of.

1. Assignment of inspectors is listed below. This supersedes memorandum from Supervisor of Shipbuilding dated 12 July 1943, File No. P14-2/L5(AD).

Lieut. Comdr. Haynes in Charge - Tel. 673 - Lieut. Sec. Assistant - Tel. 675

<b>HMS NABOB</b>	<b>(CVE41)</b>	<b>HMS THANE</b>	<b>(CVE48)</b>
<b>HMS PATROLLER</b>	<b>(CVE44)</b>	<b>HMS RULER</b>	<b>(CVE30)</b>

**Naval Personnel**

<b>Lt. (jg) Baker</b>	<b>(SUPSHIP)</b>
<b>Elect. Lawrence</b>	<b>(SUPSHIP)</b>
<b>Machinist Lundgren</b>	<b>(SUPSHIP)</b>

**Civilian Personnel**

**Machinery**

**McLean**  
**Hegglund**  
**Bresser**  
**Holt (Pipe)**  
**Blair**

**Hull**

**Evans, W.F.**  
**Myers (Weld)**  
**Yergenson (Weld)**  
**West (Joiner)**  
**Duncan**

**Electrical**

**Heard**  
**Aljoe**  
**Bradshaw**

Lieut. Comdr. Randall in Charge - Tel. 671 - Lieut. Kremer, Assistant - Tel. 674

<b>HMS KREDIVE</b>	<b>(CVE39)</b>	<b>HMS RANKE</b>	<b>(CVE46)</b>
<b>HMS SHAH</b>	<b>(CVE43)</b>	<b>HMS QUEEN</b>	<b>(CVE49)</b>

**Naval Personnel**

<b>Lt. Polk</b>	<b>(SUPSHIP)</b>
<b>Mach. Davis</b>	<b>(SUPSHIP)</b>
<b>Mach. Ripley</b>	<b>(SUPSHIP)</b>

**Civilian Personnel**

**Machinery**

**Donovan**  
**Schroedel**  
**Fritz (Pipe)**  
**Parker**  
**Gehri (Pipe)**  
**Dolman (Pipe)**

**Hull**

**Sherron**  
**Oman**  
**Burgoyne (Weld)**  
**Riedel (Joiner)**  
**Dimbatt (Weld)**

**Electrical**

**Thompson**  
**Neatus**  
**Storms**  
**York**

P14-2/15(AD)

Gg

Lt. Comdr. Backus in Charge - Tel. 672 - Carpenter Isbell, Assistant.  
Ways and Shops

Civilian Personnel

Machinery  
Cosby  
Fitts (Pipe)  
Griggs  
Butcher

Hull  
Love  
Enstrom  
Loflin  
Gugler (Weld)  
Patten (Weld)  
Juell (Weld)  
Anderson (Weld)

ALL HULLS

Radio  
Williams  
Dale

Ordnance  
Ensign Suter  
Gunner J. C. Fudge

Catapult & Arresting Gear  
Lt. Norton

2. All matters pertaining to the inspection should be taken up with the officer in charge of the respective group.

3. The Navy Inspection force will use blue colored crayons to mark defective workmanship, non-conformance with plans, etc. It is expected that where this practice is used the responsible company personnel will take the necessary corrective steps at once.

4. Matters which ships' personnel wish taken up with the contractor, including methods of installation, standards of workmanship, or recommendations for changes in design and arrangement, must be handled through this office. This does not prevent ships' personnel from conferring with contractor's and subcontractors' personnel for the purpose of obtaining information.

J. L. McGUIRAN

S. B. MOSER  
By direction

**Distribution:**

Engineering Dept. - STSC - 25  
Works Manager - STSC - 30  
CVE Pre-Comm. Detail - 20  
All SupShip Officers

**SUPERVISOR OF SHIPBUILDING, U. S. NAVY**  
**Seattle-Tacoma Shipbuilding Corporation, Tacoma Yard**  
**Tacoma, Washington**  
**21 March 1944**

Pl4-2/L5 (IN)

AWK:Ct

**To:** Seattle-Tacoma Shipbuilding Corporation, Tacoma, Washington  
**Subj:** Inspection Force - Assignment of.

1. Assignment of Inspection Force to take effect 21 March 1944 is listed below. This supersedes SupShip Memo dated 18 February 1944, File No. Pl4-2/L5 (IN).

Lt. Comdr. F.G. Randall, Senior Inspection Officer - Tel. 671  
Lt. A.W. Kresser, Senior Asst. Inspection Officer - Tel. 672

USS KENNETH WHITING (AV14) (STSC30) (Iselite)

Lt. Kresser - Officer in Charge - Tel. 672  
 Mach. Davis - Asst. " "  
 Cosby - Aux. Machinery  
 McLeon - Main Machinery  
 Holt - Pipe  
 Fritz - Pipe  
 York - Power  
 Simmons - Light  
 Storms - I.C.  
 Burgoyne - Hull  
 Riedel - Joiner

USS HAMLIN (AV15) (STSC31) (Collins)

Lt. (Jg) Baker - Officer in Charge - Tel. 673  
 Brosser - Aux. Machinery  
 Parker - Main Machinery  
 Dolman - Pipe  
 Neatus - Power  
 Thompson - Light  
 Ray - Hull  
 West - Joiner

USS ST. GEORGE (AV16) (STSC32) (Borcher)

Ch. Mach. Lawrence - Officer in Charge - Tel. 673

Hegglund - Main Machinery  
 Blair - Pipe  
 Aljoe - Power  
 Heard - Light  
 McGuire - Hull  
 Knowle - Hull

USS ST. JOSEPH BAY (CVR105) (STSC35) (Wood)

Lt. Polk - Officer in Charge - Tel. 673  
 Donovan - Machinery  
 Christian - Hull  
 Olson - Pipe

SHAFTING & BEARINGS

Mach. Ripley - Tel. 673

STERN BEARINGS - SHOPS

Schroedel - Machinery - Tel. 673, 713

CATAPULT & ARRESTING GEAR

Lt. Norton - Tel. 785

VALVES - SMALL TANKS - LABORATORY

Evans, George - Machinery Tel. 733, 669, 673

USS CUMBERLAND SOUND (AV17) (STSC33)

(Borcher)  
 Ch. Mach. Drew - Officer in Charge - Tel. 673

Inspectors assigned to AV16 will also follow AV17.

WAYS

Lt. See - Officer in Charge - Tel. 674  
 Carp. Isbell - Asst. "  
 Knstrom - Hull  
 Oman - Hull  
 Sherron - Hull  
 Anderson - Hull  
 Brackins - Hull  
 Poteete - Hull  
 Yergenson - Hull  
 Schouboe - Machinery  
 Williams - Pipe

PIPE - PIPE TESTS

Fitte - Pipe - Tel. 733, 675

ELECTRICAL LABORATORY

Bradshaw - Electrical - Tel. 530, 674

ORDNANCE

Ensign Suter - Tel. 547  
 Ch. Gunner Kleessen - Tel. 674

WELDING IN SHOPS - REPAIR OF CASTINGS

- THERMITE  
 Gugler - Welding - Tel. 733, 339, 675, 676

P14-2/L5 (IN)

2. All matters pertaining to ship inspection are to be taken up with the Senior Inspection Officer or his duly designated assistant.

3. The Navy Inspection Force will mark defective workmanship, non-conformance with plans etc:

- (1) Blue colored crayons on painted surfaces
- (2) White colored crayons on unpainted surfaces
- (3) Letters, USN, will also be used in addition to markings noted above

It is expected that responsible company personnel will take the necessary steps to remedy items marked as above.

4. Matters which ships' personnel wish taken up with the contractor, including methods of installation, standards of workmanship, or recommendations for changes in design and arrangement, must be handled through the Supervisor's main office. This does not prevent ships' personnel from conferring with contractor's and subcontractor's personnel for the purpose of obtaining information.

J. L. McGUIGAN

F. G. RANDALL  
Lt. Comdr., USN  
By direction

**Distribution:**

Engineering Dept. STSC - 30  
Works Manager STSC - 40  
All SupShip Officers

**SUPERVISOR OF SHIPBUILDING, U. S. NAVY**  
**Todd Pacific Shipyards, Inc., Tacoma Division**  
**Tacoma 2, Washington**

Pl4-215(IN)WTA:js

7 May 1945

To: Todd Pacific Shipyards Inc., Tacoma Division

Subj: Inspection Force - Assignment of

1. Assignment of Inspection Force to take effect 7 May 1945 is listed below. This supersedes SupShip Memo dated 13 April 1945, File No. Pl4-2/15(IN).

Comdr. W. T. Alexander, Senior Inspection Officer - Tel. 671  
Lt. A. W. Kremser, Assistant Senior Inspection Officer - Tel. 672

Inspection Records Section - Tel. 672  
 Inspection Plan Files - Tel. 673  
 Inspection Correspondence Files - Tel. 673

CATAULT & ARRESTING GEAR

Lt. V. O. Norton - Tel. 728

HULL (During Outfitting)

Lt. L. Farbar-Officer-in-charge Tel.674  
 Carp.L.Bouchee Omann  
 Barrett Riedel  
 Burgoyne Ruda  
 Gugler - Tel.433 Sherron  
 Knowle West

HULL (On Ways)

Lt.Comdr.R.F.Salmon-Officer-in-charge  
 Braekins Tel.672  
 Campbell McGuire-Tel.699  
 Christian Gunning  
 Enstrom Oman  
 Fife Wickstrom  
 Goldstein Yergenson

ELECTRICAL INSTALLATION

Lt.A.M.Baker-Officer-in-charge Tel.673  
I.C.,RADAR, SONAR, RADIO(Ord.Elec.)  
 Lt.A.M.Baker-Inspection Officer  
 Heard York

LIGHT & POWER

Ch.Elec.W.C.Patty-Officer-in-charge  
 Aljoe Tel.673  
 Bradshaw Simmons  
 Thompson

ORDNANCE

Lt.(Jg)D.E.Suter-Officer-in-charge Tel.547  
 Ch.Gunner O.A.Kleessen Tel.677  
 Ch.Gunner J.A.Watson

PIPING (General)

Carp.A.B.Ove-Officer-in-charge Tel.677  
 Barquest Fitts - Tel.433  
 Blair Holt  
 Darling Orchard  
 Dolman Tucker - Tel.433

PIPING (Special Systems) GASOLINE

Ch.Mach.F.C.Lawrence-Officer-in-charge  
 Ch.Mach.L.V.Koutny Tel.677  
 Olson

GEN.MACH. AND ASSOCIATED PIPING

Lt.C.R.Vaught- Officer-in-charge Tel.676

FIREROOM MACH. AND PIPING (HP Aux.,

Aux.Exh., H.P. Steam Drain,F.O.Serv.  
 Lt.C.R.Vaught - Inspection Officer  
 Donovan

MACHINERY - ENGINE ROOM & DECK:PIPING

ENG.ROOMS ONLY - STEAM(HP Aux.,  
Aux.Exh., HP Drain) Lube Oil  
 Lt.(Jg)W.H.Drew-Officer-in-charge Tel.676  
 Mach.H.S.Christensen Tel.676  
 Bresser Parker  
 Cosby Schouboe  
 Kuhn Todd  
 May

REDUCTION GEARS, SHAFTING & BEARINGS

Ch.Mach.M.H.Ripley-Officer-in-charge  
 Schroedel Tel.676

PL4-2/L5(IN)WTA:js

7 May 1945

2. All matters pertaining to ship inspection are to be taken up with the Senior Inspection Officer or his duly designated assistant.

3. The Navy Inspection Force will mark defective workmanship, non-conformance with plans, etc., as follows:

(1) Blue colored crayons on painted surfaces.

(2) White colored crayons on unpainted surfaces.

(3) Letters UEN, will also be used in addition to markings noted above.

It is expected that responsible company personnel will take the necessary steps to remedy items marked as above.

4. Attention of all concerned is invited to Supervisor of Shipbuilding Office memorandum #24, covering policy on Inspection items, Commissioning Detail alterations and freezing of design.

By direction of SupShip

W. T. ALEXANDER  
Senior Inspection Officer

**Distribution**

SupShip	- 30
Engineering Dept. TFSI	- 30
Works Manager TFSI	- 40
CD	- 10

P.S.N.Y. 8-20-44 5M

File No. \_\_\_\_\_

Drawing No. \_\_\_\_\_

Date \_\_\_\_\_

UNITED STATES NAVY  
SHIPYARD INSPECTOR'S TEST REPORT

USN Hull No. \_\_\_\_\_ USS \_\_\_\_\_ STSC Hull No. \_\_\_\_\_

Title of Test \_\_\_\_\_

Approved \_\_\_\_\_ Rejected \_\_\_\_\_ Time \_\_\_\_\_

Witnessed by USN Insp. \_\_\_\_\_ Builder's Repr. \_\_\_\_\_

Detail Reports:

Signature \_\_\_\_\_

Hull Inspector.  
Machinery Inspector.  
Piping Inspector.  
Electrical Inspector.  
Joiner Inspector.  
Welder Inspector.

File \_\_\_\_\_

FORM 123-10M SETS OF 2-8-44

**TODD PACIFIC SHIPYARDS INC.**  
TACOMA DIVISION - TACOMA 1, WASHINGTON

File No. \_\_\_\_\_

Drawing No. \_\_\_\_\_

Date \_\_\_\_\_

**U. S. NAVY**  
**SHIPYARD INSPECTOR'S TEST REPORT**

U. S. N. Hull No. \_\_\_\_\_ Name Ship \_\_\_\_\_ Builder's Hull No. \_\_\_\_\_

Title of Test \_\_\_\_\_

APPROVED \_\_\_\_\_ REJECTED \_\_\_\_\_ TIME \_\_\_\_\_

Witnessed by U. S. N. Inspector \_\_\_\_\_ Builder's Representative \_\_\_\_\_

Detail Report:

SIGNATURE \_\_\_\_\_

Hull Inspector  
Machinery Inspector  
Piping Inspector  
Electrical Inspector  
Joiner Inspector  
Welder Inspector

Distribution: White to U. S. Navy; Blue to Builder.

Appendix page 76



Appendix page 77

FORM 222-BM SETS OF 3-7-45 TODD, TACOMA

TODD PACIFIC SHIPYARD INC.  
Tacoma Division

NOTIFICATION OF MACHINERY TESTS

SHIP U.S.S. \_\_\_\_\_ DATE \_\_\_\_\_

NAVY NO. CVE \_\_\_\_\_ TPSI HULL NO. \_\_\_\_\_

We propose to conduct the following tests \_\_\_\_\_

RUN IN \_\_\_\_\_  
Coord. Engr. Al Kelso OPERATIONAL TESTS  
Scheduling: \_\_\_\_\_

Coord. Engr. Russ Murphy  
Scheduling: \_\_\_\_\_

Coord. Engr. Webb Carr  
Scheduling: \_\_\_\_\_

Coord. Engr. Dave Wood  
Scheduling: \_\_\_\_\_

Copies to:

Navy Inspection Office (14)	King Venucio	Ship Mach. Foreman
John Green	George Simpson	Ship Elect. Foreman
Mel London	Mal Boyd (2)	Ship Pipe Foreman
G.O. Nelson	Ship Supt.	Ship Sheetmetal Foreman
Don Reattie (3)	Ben Winchell	Al Hendricks
Bob Robbins		

CVE 112 (36c) Provide stowage for government furnished 24' plane personnel boat, MK IV, in accordance with Gibbs and Cox sketch CVE105-32010-1B. Authorized as Part II Hull Change A-1-(5) Mod. 1 by BuShips restr. ltr CVE105 CI/S82(512) of 80c (109) 5 March 1945

Ltr. in our files

Bur. Act. Auth 108-139 by BuShips ltr CVE 105 Class /S82(512) 5 March 45

SOS Act. Ltr to TFSI CVE105/S82 CVE105/L4-3 (T4)FIS:Vml - 20 March 1945

Plan Status Preliminary plans available

Mat'l Status Supplied as government furnished material. Shipping instructions for the spec. mat'l. for CVE105-107 will be furn. by the Bur. on request.

To be Accomp. CVE114

Status on Departure Not accomplished on 112 or 113. Government furn. mat'l. not available.

Gibbs and Cox Freezing Schedule #94HE

FORM 408-100M-11-44

**TODD PACIFIC SHIPYARDS INC.**

A SUBSIDIARY OF TODD SHIPYARDS CORPORATION  
TACOMA DIVISION - TACOMA 1, WASHINGTON

ENGINEERING DEPT.

**ADVANCE NOTICE OF CHANGE**

No. 1260

CVE110 & 112-127 incl.

Class of Ships CVE105 Hulls 60 & 62-69 & 76-83 From Engng. Piping Division Date 3-12-45

Drawing No. 4808-34 Alt. No. 88-3 Title Plbg. for Laundry & Battery Chg. Shop

Booklet No. \_\_\_\_\_ Alt. No. \_\_\_\_\_ Title \_\_\_\_\_

Requested by Chief of Ships Todd, Tacoma

Affected plan will be altered accordingly and submitted for approval.

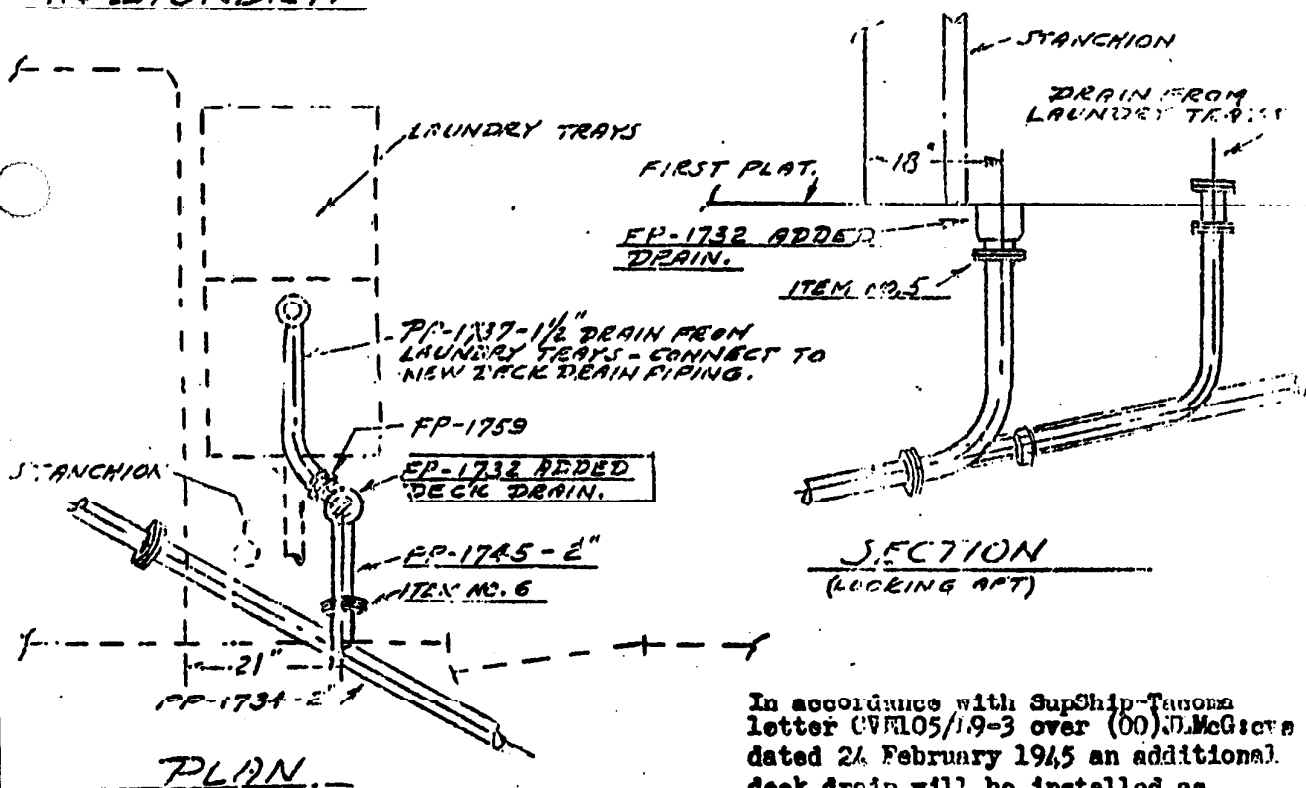
Approved by N.S. [Signature] Todd, Tacoma

Approved by [Signature] 7/13/45

For SupShip Tacoma

The following is for your guidance pending incorporation on the approved plan.

ADDED DECK DRAIN VALVE IN LAUNDRY.



In accordance with SupShip-TACOMA letter CVE105/19-3 over (00) D. McGovern dated 24 February 1945 an additional deck drain will be installed as detailed.

ADDED MATERIAL

FP-1732	1	2" DECK DRAIN VALVE, BRASS. - ORDERED ON 4808-34H-11E216
ITEM 5	1	2" FLANGE, 150#, P.F. SLIP-ON WELDING, P.F. - SYM. 364-209
ITEM 6	2	3" FLANGE, 150#, P.F. SLIP-ON WELDING, P.F. - SYM. 364-9

WIDE PACIFIC SHIPYARDS, INC  
-Tacoma Division-

56-2  
L5-1

June 19, 1944  
Sheet 1 of 4

ENGINEERING INSTRUCTIONS  
No. H-7

Subject: CVE 105 CLASS VESSELS. REGULATION OF HULL FORM AND LENGTH,  
CHECK OF PROFILE OF KEEL, LENGTH, DEPTH AND BEAM OF SHIP,  
BULKHEAD SPACING AND SHELL OPENINGS.

These instructions cancel and supersede Engineering  
Instructions H-3 revised, dated March 8, 1944.

1. This procedure is issued in order to insure control over the principal dimensions of vessels built by this yard. Measurements shall be compiled by the Civil Engineers on copies of the enclosed forms and forwarded to the Hull Technical Division of the Engineering Department, the Works Manager, Superintendent of Steel Construction and other interested parties.

2. The most important characteristics of Hull Form are the molded breadth, depth, and length between perpendiculars and overall. In addition it is considered desirable to observe the distances forward and aft of amidships of the several main transverse bulkheads, the distances of major longitudinal bulkheads from the centerline of the hull and the height of the Main Deck and Hangar Deck (Molded Depth).

3. The requirements as outlined in "General Specifications - Appendix 5" give the following tolerances for departure of a hull from the molded form:

- a) Plus or minus 1/2" vertically from the base line offsets.
- b) Plus or minus 1" per 100' of length from the design length.
- c) Plus or minus 1/2" from the vertical longitudinal center plane.

4. Plan "Profile for Check Measurements of Hull Form" has been prepared to facilitate the measurement of items noted in Paragraph 2 and is to be used as follows:

(a) At two week intervals during the construction of the CVE 105 Type vessels a survey shall be made to determine the conformance to design of bulkhead spacing as indicated on the above mentioned plan. Bulkhead 57 shall be known as the "Master Bulkhead" and shall be erected first with its forward face on the frame line which is 22'-6" aft of the amidships line. All survey measurements shall be made from this face. The other bulkheads shall be set on the bottom plating at the distances given on the above plan, forward or aft of the near face of the Master Bulkhead. Dimensions given for bulkheads forward of 57 are to the after face of the forward bulkheads. Dimensions given for bulkheads aft of 57 are to the forward face of the after bulkheads.

(b) The Main Deck height noted on the plan is constant between Frame 45 $\frac{1}{2}$  and 92. There is no camber in the Main Deck of these vessels. After the erection of Deck Plating Sections and fortnightly thereafter, measurements shall be taken at and on each transverse bulkhead to determine the conformance

of the main deck height to the designed level. Where the line of measurement passes through a deck, the measurement shall be broken and resumed in the same spot and the plate thickness added. Similarly the heights of the Hangar Deck shall be determined after erection. The depths indicated are to the underside of the deck plating.

5. A survey of Keel Profile shall also be made fortnightly to note the deflection of the hull due to the erection of the bulkheads. When necessary the keel blocks should be adjusted to maintain a straight keel line within a limit of plus or minus one-half inch from a mean straight keel line. No general wedging up of keel to compensate for general settling or compression of ways and blocks should be attempted as long as the keel line is maintained straight within the above limit. No adjustment of an individual block need be made unless a difference of more than  $1/4$ " compared to the next adjacent bench mark reading is apparent.

6. Two weeks before launching a final survey of the keel profile shall be made, the zero waterline determined and the draft marks painted on stem, stern, and midships. The base line from which draft lines are laid off shall be the line tangent to the bottom of keel and coincident with the greatest length of straight keel as found when taking the vertical offsets of the keel. This line shall be extended fore and aft to the plane of the draft marks. When the keel line is an irregular line with little, if any, straight section (as indicated by plotting the vertical offsets in full scale with foreshortened length), the base line shall be the straight line most closely approximating the locus of the intercepts between the plotted points of the keel line. The straight line so determined shall be located by reference to the base line as originally laid down.

7. Before launching the distance between perpendiculars and overall length shall be measured. The intersection of the front of the stem and the load water line, 28' 10", determines the forward perpendicular. The after perpendicular is located  $14\frac{1}{2}$ " forward of the centerline of the rudder pintles. The forward perpendicular is best located by measuring a distance of 29' 0  $3/16$ " along the rake of the stem from the intersection of the projections of the bottom of keel and the stem. Plumb lines shall be dropped to the slip floor from the forward and aft perpendiculars and declivity corrections made by setting the chaining point forward of the plumb point a distance of  $1/2$  (H) inches. H is the height in feet above the slip floor of the point of suspension of the plumb bob. Chaining shall preferably be done on the slip floor alongside the keel blocks. If the slip floor is obstructed, the chaining points shall be offset to more suitable locations.

8. The overall length of the ship shall be measured between the forward face of the vertical bulwark plating at the forward end of the ship and the aft side of the 40 mm gun shields on the stern sponsons. Since the shields are not usually erected at the time of the survey, the aft point should be taken just below the level of the sponson deck plating. The point forward is at a design elevation of 61' 6" while that at the stern is 55' 6". To obtain overall length multiply the horizontal distance between points by 1.000867 to correct for the declivity of the ways, and add 3 inches to correct for the difference of 6 feet in the elevation of the fore and aft points above the base line of the ship. Should it be necessary to use points fore and aft that are on different elevations than those given the correction for declivity remains the same, but the correction for difference in elevation is  $\frac{1}{2}$  inch per

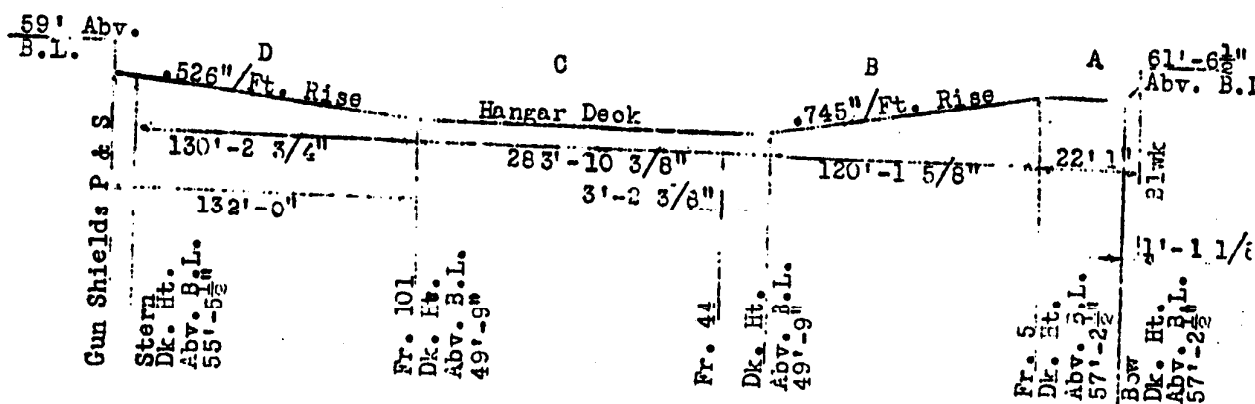
Instruction  
No. H-7

Sheet 3 of 4

foot of difference in elevation.

9. Since the crane trestles do not extend outward a sufficient distance to permit taking a direct sight on the aft end of the ship the following procedure shall be used to determine the overall length. The forward chaining point shall be established on the craneway opposite the forward point on the ship and on a line perpendicular to the longitudinal center line of the ship. The transit shall then be set up on the chaining line approximately opposite frame 140. A point opposite the transit shall then be established on the ship by turning off  $90^\circ$  from the chaining line on the craneway. The horizontal distance shall then be chained from the forward chaining point to the transit on the craneway and from the point opposite the transit to the extreme end of the aft sponson on the ship. The true length is obtained by applying the corrections given in paragraph 8.

10. If the Hangar Deck plating is complete at the time of final inspection the overall length may be obtained by chaining on the deck as indicated below.



The four measurements taken shall be recorded as follows:

Distance	Sheer	Length
Chained	Factor	Parallel
on Deck		to B. L.
A:	1.000	
B:	0.998	
C:	1.000	
D:	0.999	

Length Overall (Molded)

Forward and aft limit of measurements A & D respectively shall be indicated.

11. Previous to the launching of any vessel an inspecting force consisting of Civil Engineers, a representative of the Engineering Department and a Navy Inspector shall make a final inspection of the vessel. The Civil Engineers are requested to inform the Hull Technical Division of the Engineering Department when the last inspection before launching can be made and notify the Navy Inspection Watch Office at least twelve hours in advance of the time of inspection. Interim checks should be made as required to hold



departure of vessel's length within the following limit:

Type	Designed Length between Perpendiculars	Length Tolerance
CVE 105-127	525'0"	5'± plus or minus

12. The inspection party shall witness the following:

- (1) Final measurement of keel line offsets
- (2) Final measurement of length between perpendiculars
- (3) Final measurement of length overall
- (4) Final check measurement of the effects of at least three of the shell openings, selected at random, as indicated in tabulation on docking plan CVE 105-0700-1

13. Recordings shall be made on enclosed form which shall be signed as indicated.

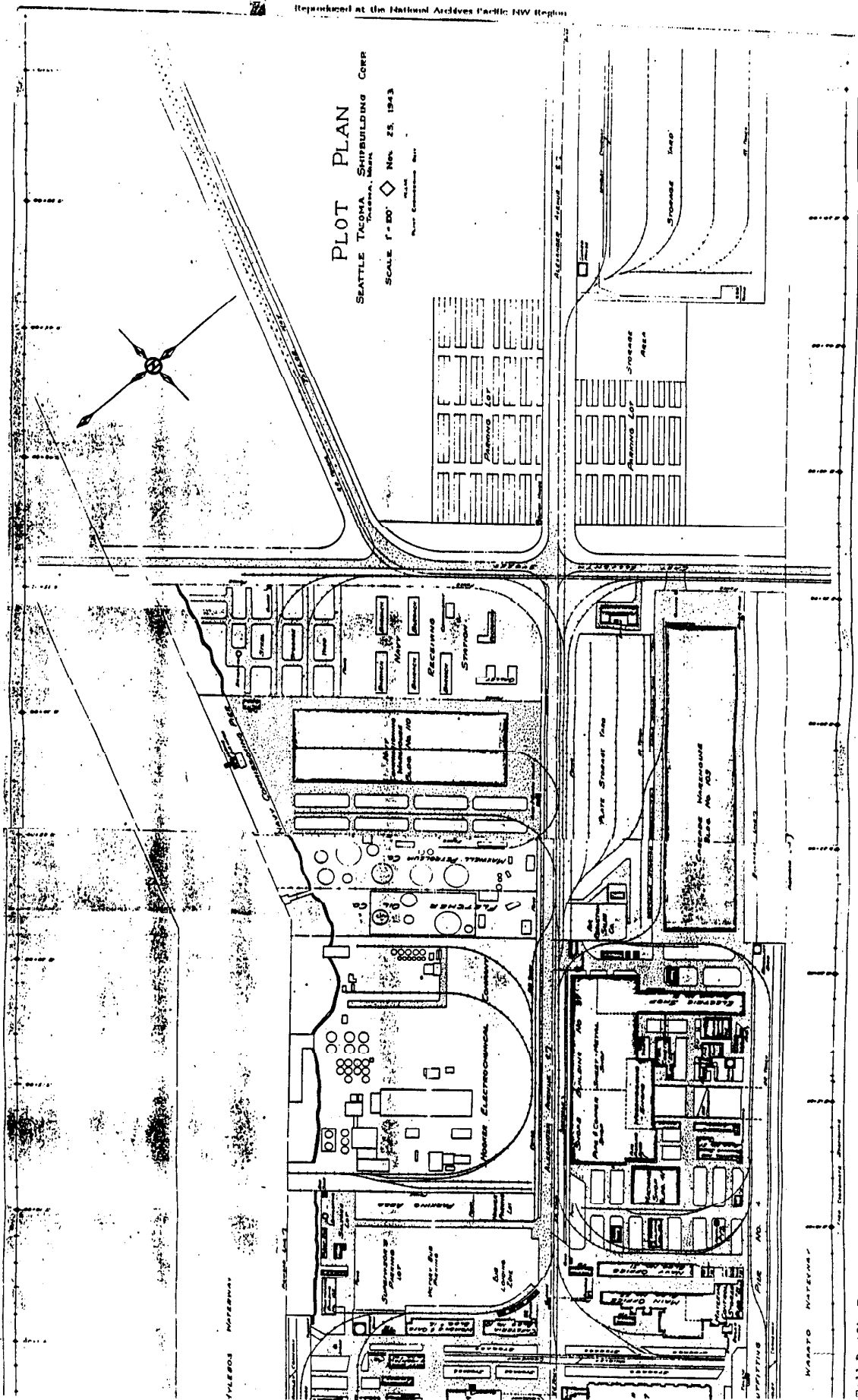
14. The following information shall be recorded by the Engineering Department on the docking plan furnished each vessel at the time of delivery:

- (1) Length between perpendiculars prior to launching
- (2) Mean hog or sag of the keel line prior to launching
- (3) The following note: "These check measurements of hull form were made prior to launching of this vessel. In order to determine the final form it is recommended that ship's force check same during first dry docking of the vessel and enter results hereon for future use."

AA  
MDR:ef

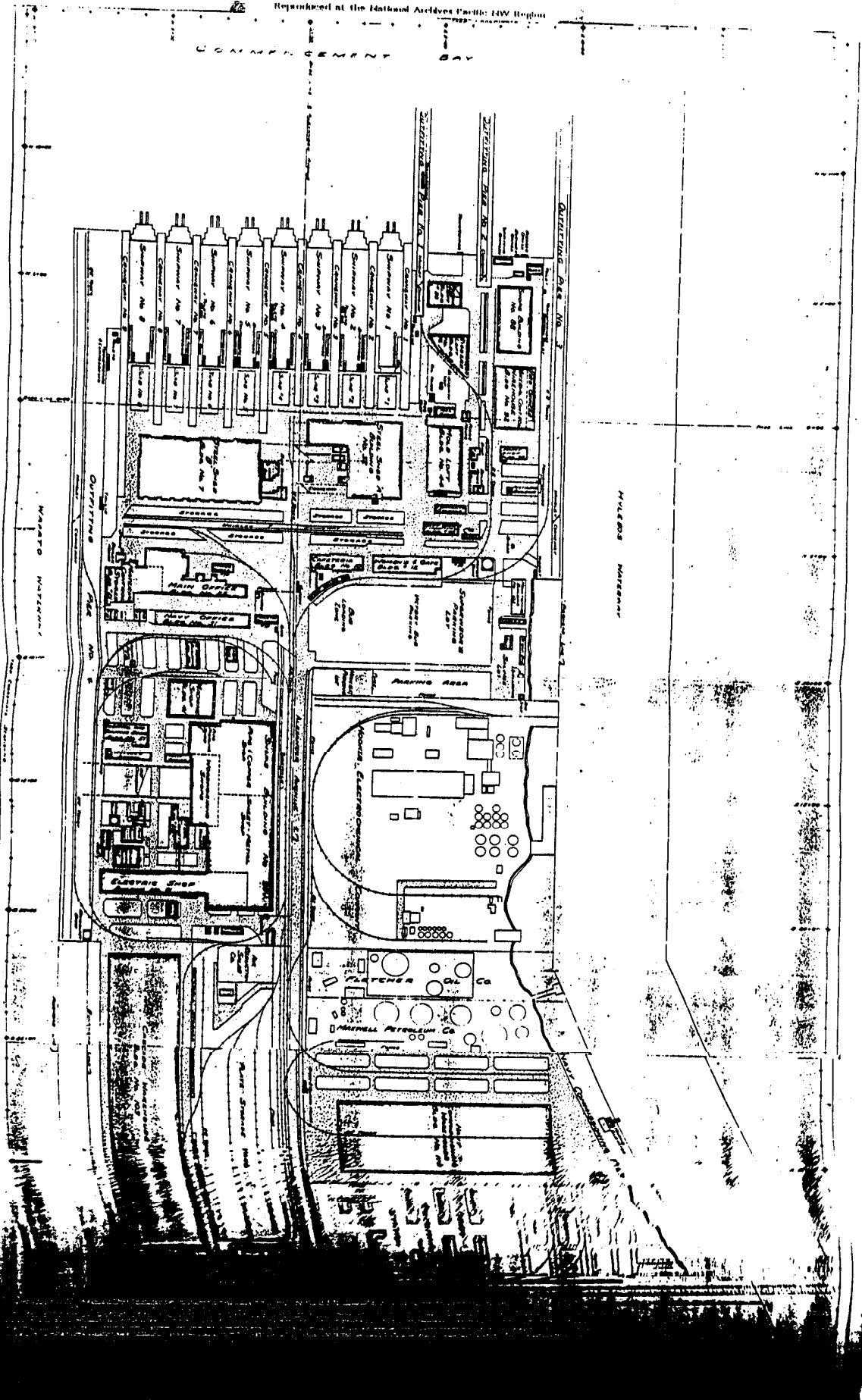
J. F. Goodrich, Chief Engineer

Distribution same as yellow memorandums



CONCRETE

Plot Plan - Todd Pacific Tacoma  
Appendix page 86



**COPY**

National Archives - Pacific NW Region  
6125 Sand Point Way, NE  
Seattle, WA 98115

Record Group NO. 181 Naval Dist. & Shore Estab.

Additional Information 13<sup>th</sup> Naval District

War-time Histories of Units, 1941-1945

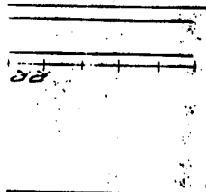
Box # 1; Fdr. Todd Pacific Shipyard - Tacoma Division

Photographs, map. orig. chart.

N 5700

W 10000

00-00



- 1 - ORIGINAL YARD COMPLETED IN 1940.
- 2 - MARITIME COMMISSION ADDITION FOR C-3 CARGO VESSEL YARD COMPLETED IN FALL 1941, PRIOR TO PEARL HARBOR AND U.S. WAR ENTRY.
- REMAINDER BUILT AS NAVAL VESSEL YARD DURING WAR EMERGENCY.

### LEGEND

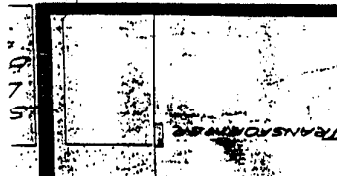
C O M M E N T

W 5700

0100

BASE LANE 2 ALEXANDER AVENUE

OUTFITTING PIER NO. 1 WHIRLY



ES 5700



COPY

National Archives - Pacific NW Region

6125 Sand Point Way, NE

Seattle, WA 98115

Record Group NO. 81, Naval West and Shore Estab.

Additional Information 13<sup>th</sup> Naval District

Wartime Histories of Units, 1941-1945

Box # 1, Fdr: Todd Pacific Shipyards, Tacoma

Carry, This is from the review map  
I told you about.

S

**Marlo Coil Co.**

[illegible]

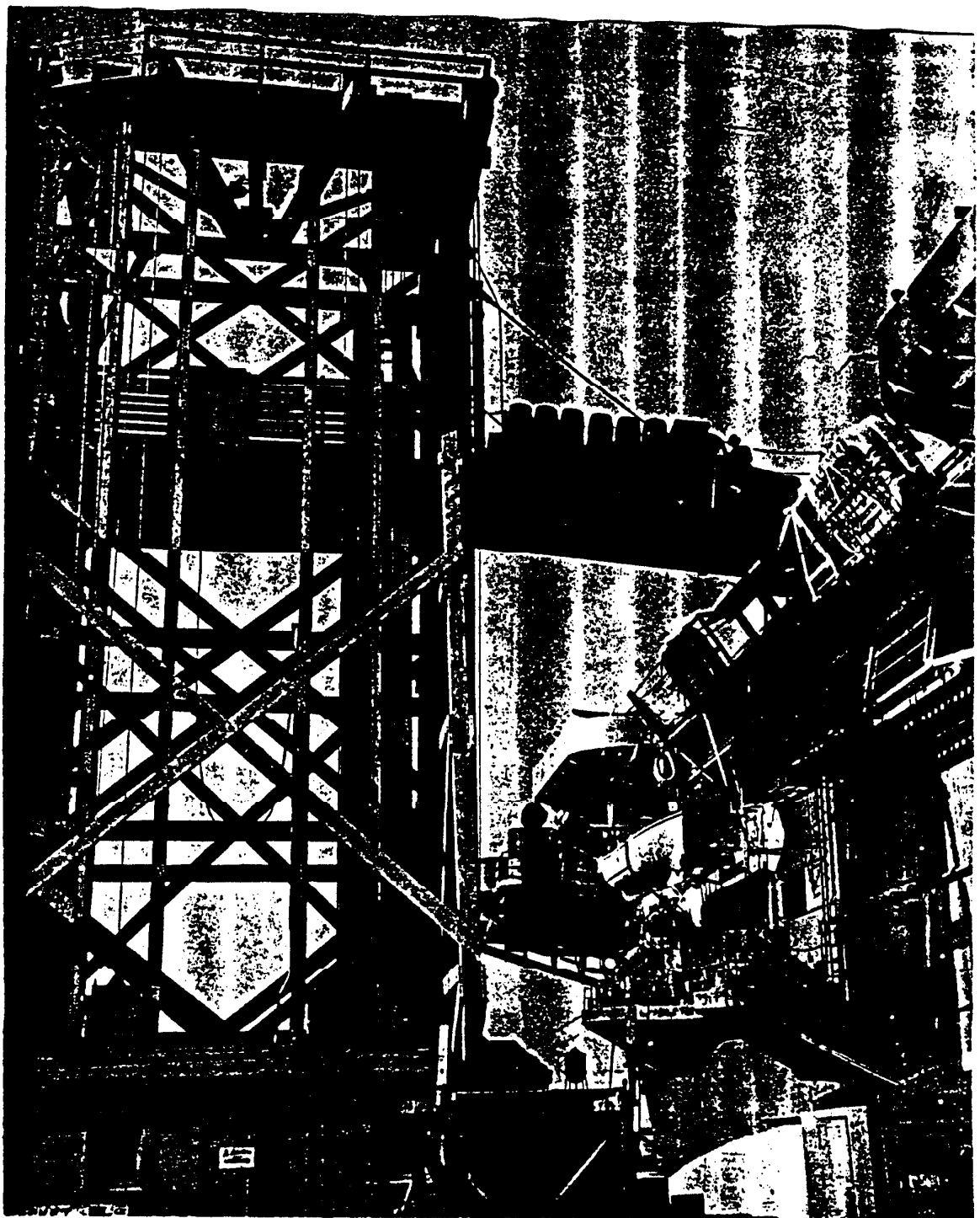


# INCOMING

Ltr. to SUPSHIP NY fr BuShips 15 May 45  
 Allee. 21906-1 and 21906-2 to be shipt fr  
 contractors as sched.  
 BuShip ltr 25 May 45 to Marlo Coil Co.-  
 Manifold assy. to have voltage of 440V AC  
 RINM St. Louis Mo. 25 Sept 45 spedlitr - Mani-  
 folds sched. for shipment 5 Oct.  
 Rinest STL 242102 Oct. 24 - Manifold assy. to  
 be shipt 31 Oct.  
 RINM STL 19 Oct 45 spedlitr ans w to TMX 181905-  
 M tri has not been shipped.

# OUTGOING

Ltr. 1 June 45 to TFSI Engineering Dept.  
 Encl. of BuShips 25 May ltr. for your info.  
 Sept. 12 45 ltr to RINM St. Louis - immed.  
 shipt for F-20-8 manifold assy. requested.  
 Spdlgt 25 Oct 45 to RINM STL - request mani-  
 folds to shipped express when shipped in  
 order to permit installation.



Commissioning Dock Loading Elevator

**COPY**

National Archives - Pacific NW Region  
6125 Sand Point Way, NE  
Seattle, WA 98115

Record Group NO. 181 Naval District + Shore Estab.

Additional Information 13<sup>th</sup> Naval District

War-time Histories of Units 1941-1945

Box # 1 ; For: Todd Pacific Shipyard -  
Tacoma Division; Photographs, map, reg. Chart